

VINEGAR BITTERS

1879

ALMANAC.



FREE FROM ALCOHOL

R. H. McDONALD & Co., Druggists and General Agents,
SAN FRANCISCO, CALIFORNIA, AND
Cor. Washington & Charlton Sts., New York City.

We will send one or more copies of this Almanac, FREE, on receipt of a
one-cent postage stamp for each copy.

OUR BUSINESS.

The good opinion of good people is desirable, and to strive to acquire it by worthy means is laudable. We admit that we are actuated by such a desire, and we profess that we are striving for it by worthy means. But the honest efforts of worthy people are often misconstrued, and attributed to purely mercenary motives. No doubt many attribute such motives to us for endeavoring to popularize a medicinal preparation of great value, and which is entirely free from any taint of alcohol in any form. On the other hand, it is a matter of great satisfaction to us, and in which we take a great pride, to know that there are many thousands of people who do appreciate our efforts, and who have had the kindness voluntarily to send us from every part of the country, from the Atlantic to the Pacific, appreciative assurances of their good will and sense of obligation. In the limited space at our disposal in a publication like this we can of course print but a small number of such testimonials; but these are of such character as must attract notice, for they embrace a great variety of diseases cured, and they come from a very great variety of locations, thus showing that as a remedial agent of great value, as a *purifier of the blood*, VINEGAR BITTERS does stand pre-eminent.

Most medicinal preparations are composed largely of alcohol in some of its forms, but not a drop of alcohol enters into the composition

of VINEGAR BITTERS! and we are sure that we pander to no false appetite when we offer the preparation to the public.

It is a vegetable remedy purely. It has won its way to public favor from small beginnings, until the business is now immense.

Without desiring to be considered egotistical, we do say that we are proud of our good name. We have tried to deserve it, and we mean to keep it by deserving it.

The firm of R. H. McDonald & Co. is of no mushroom growth. It has existed for many years, and long before we had anything to do with VINEGAR BITTERS.

Our customers are found in every corner of the Union. We win them and we hold them, because we give them the worth of their money in a preparation of real merit; and the proof of this lies in the fact that the people continue to call for it. We are willing to let it rest upon its merits in the future as in the past, and we say to our hosts of friends everywhere, that no pains shall be spared in maintaining its standard of excellence, and making it worthy of its present high character. And they may say to all their friends that, as a preparation to *give tone to the stomach*, to impart *healthy action to the liver*, and to *CLEANSE THE BLOOD*, VINEGAR BITTERS stands to-day without a rival.

OUR PRINCIPLES.

The bane of the American people is intemperance. The high and the low alike fall helplessly before it. It invades the pulpit, the bar, and the workshop; and many an otherwise happy fireside is turned into a sad abode of sorrow by this monstrous vice. It may seem incredible, but official facts show that more than sixty millions of dollars are annually spent in the city of New York alone for intoxicating drinks; while for the country at large the official report of the Bureau of Statistics shows the appalling sum of Five Hundred and Sixty Millions of dollars to be spent annually in this frightful way. The vigor of our nation is thus being destroyed; our almshouses and prisons are filled; men who might be worthy are turned into hardened criminals or wrecks of insanity, brutalized in all their tastes and debased mentally and physically; homes are desolated, and misery and woe stalk abroad where otherwise there ought to be thrift and happiness.

Nor are the wives and mothers of our land exempt from the baleful influence of this fearful vice of intemperance. What so fearful sight as a mother of children debased by rum? What a sad school of vice is that in which to rear a family, and how does the poisoning influence spread to generations yet to come!

We are at war with alcohol in every form, and under every disguise; and this war we mean shall last while we last. We believe it to be the fatal foe to every precious interest in life here and hereafter. It destroys property, intellect and life. Why cannot its sad victims be made to pause for one moment for calm reflection upon the certain and sad consequences of their evil habit? How can the nation be made to see it, and to rouse itself and shake off this deadly incubus? Will statistics wake the people? Here

they are from official data. More than one hundred and twenty millions of dollars more are yearly spent in the United States for Rum than the value of all the flour, cotton goods, boots and shoes, woollens, clothing, books and newspapers—more than the above *six* principal industries per year! You don't believe it? Well, it is true, nevertheless. This we know. But no pen can portray the deadly list of ills that follows in the train of this satanic sin; of hopes blighted; of intellects debased; of homes ruined; of hearts broken; of virtue lost; of children debauched in their young prime; of sorrow, misery and woe here, and heaven lost!

Reader, do you drink? Stop! right now! Break that glass at once and forever! Pause and turn your thoughts within for a little calm reflection. Are you a drunkard? Look upon that pale and wasted wife and mother, and at your sad home, and ask, "Did I cause this ruin?" Are you a moderate drinker? Remember there is *death* in that cup! Young man, beware of social influences! Have the courage to say No! so will you secure your own self-respect and the respect of those who have not your courage.

It is the moral ruin which is caused by rum which we wish we had the power to depict in all its sulphurous hues. The people would stand agast with fright, and with one accord would say, "This thing must stop!" And it would stop; and in its stead we would have a nation of sober men; happy homes, filled with love; happy men; happy wives; happy mothers; happy children! What a leap forward will be gained, when virtue shall take the place of vice in every human heart; when every aspiration should be for something higher and nobler, than for something low and vile? Why not? Sure enough, why not?

These are our principles.

Shipwrecks are the signals of safety.

A wise man alters his opinion, a fool never.

VINEGAR BITTERS

ALMANAC

Adapted for
Use throughout the
United States.

FOR THE YEAR
1879

Containing
Useful and Valuable
Information.

ECLIPSES.

In the year 1879 there will be three Eclipses, two of the Sun and one of the Moon, none of them visible in the United States.

I. An Annular Eclipse of the Sun, January 22, visible in South America, the South Atlantic Ocean, Africa, and a part of Asia.


II. An Annular Eclipse of the Sun, July 19, visible in the South Atlantic Ocean, Africa, and a part of Asia.


III. A Partial Eclipse of the Moon, December 23, visible in England.


Morning Stars. *Mercury*, until March 4; April 17 to June 18; August 23 to October 5; December 10 to the end of the year. *Venus*, September 23 to the end of the year. *Mars*, until November 12. *Jupiter*, February 8 to August 31. *Saturn*, March 26 to October 5.


Evening Stars. *Mercury*, March 4 to April 17; June 18 to August 23; and October 5 to December 10. *Venus*, until September 23. *Mars*, November 12 to the end of the year. *Jupiter*, until about February 8; and June 11, to the end of the year. *Saturn*, until March 26; and July 3, to near the end of the year.


Head and Face. ARIES, the Ram.

Arms.
 GEMINI,
The Twins.


Heart.
 LEO,
The Lion.


Reins.
 LIBRA,
The Balance.


Thighs.
 SAGITTARIUS,
The Bowman.


Legs.
 AQUARIUS,
The Waterman




Neck.
 TAURUS,
The Bull.

Breast.
 CANCER,
The Crab.

Bowels.
 VIRGO,
The Virgin

Secrets.
 SCORPIO,
The Scorpion.

Knees.
 CAPRICORNUS
The Goat.

Feet. PISCES, The Fishes.

Characters.—♈, Ascending Node; ♎, Descending Node; ☾ in apogee, farthest from the earth; ☾ in perigee, nearest to the earth; ☾ highest, farthest north; ☾ lowest, farthest south; ☾, Sun; ☿, Mercury; ♀, Venus; ☿, Earth; ♀, Mars; ♃, Jupiter; ♄, Saturn; ♅, Uranus; ♆, Neptune; ☿, conjunction, near together; ☐, quadrature, 90° apart; ☿, opposition, 180° apart.

Note.—The sun's rising and setting are given for the upper limb, corrected for refraction, in mean time; so also are the moon's.

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POSTAL INFORMATION.

Letters and sealed packages are sent to any part of the United States for *three cents for each half ounce*, or fraction thereof. Letters are forwarded, if having on them one full rate of *three cents*, and if insufficiently stamped the amount due will be collected on delivery. *Local or drop* letters require a stamp of *two cents for each half ounce*, or fraction. Letters to persons not found where addressed may be forwarded elsewhere without charge from place to place; but letters once delivered as addressed require *new stamps* before they can be forwarded. Any communication, wholly or in part in *writing*, is subject to letter postage except book manuscripts and corrected proofs. Stamps cut from stamped envelopes cannot be used on letters.

Newspapers or periodicals sent to regular subscribers *weekly* require *two cents per pound*. When issued less frequently than once a week *three cents per pound*.

Transient newspapers, pamphlets, occasional publications, posters, sheet-music, handbills, proof sheets (printed or corrected), maps and books, are subject to a rate of *one cent for each two ounces* or fraction; and cards (printed or unprinted), lithographs, prints, engravings, photographs, stereoscopic views, book manuscripts, unsealed circulars, seeds, cuttings, roots, scions, flexible patterns, samples of ores, metals, minerals and merchandise, and flexible material generally, require *one cent for each ounce* or fraction. No *writing* is allowable, except the sender may write his name, either outside or inside, with the word "from" preceding it; and may give the number and names of articles. Packages are limited in weight to *four pounds*, except seeds, books and Congressional documents.

Postal Cards are sold at a fixed rate of *one cent each*, in any quantity. Postmasters are forbidden to read them. Unclaimed postal cards are never returned to the writer; if not delivered within sixty days they are burned up by the Postmaster. Anything pasted on or attached to a postal card subjects it to letter postage.

Registered Letters require full postage and a registration charge of ten cents in stamps on the letter to all parts of the world. Registered packages require letter rates; and the name and address of the writer should be written on the outside of the letter or package.

Money Orders furnish an absolutely safe way of sending money through the mails. Money can thus be sent throughout the United States and to several Foreign countries. The domestic commissions are:

| | |
|-----------------------------------|-----------|
| On orders not exceeding \$15..... | 10 cents. |
| " " " 30..... | 15 " |
| " " " 40..... | 20 " |
| " " " 50..... | 25 " |

No fractions of cents are introduced. Orders are transferable by endorsement once. Orders should be collected within one year.

Request Letters. All letters bearing the name and address of the writer on the outside, when not delivered, are returned direct to the writer, and are not advertised nor sent to the Dead Letter office. Remember this. Always prepay postage, and place the stamp on the upper right-hand corner of the letter.

FOREIGN POSTAGE.

To England, Ireland, Scotland, Wales, France, Germany, Italy, and Russia:
Letters, if prepaid..... 6 cents per half ounce.
Newspapers..... 2 " for each 4 ounces.

To Canada and British North American States, (except Newfoundland—the rate for which is 6 cts. per ½ oz. or fraction), 3 cts. per ½ oz., full prepayment compulsory. Postal cards must have an additional one-cent stamp affixed.

To France, Germany, Austria, Hungary, Belgium, Denmark (including Iceland and the Faroe Islands), Egypt, Spain (including the Balearic Isles, the Canary Islands, the Spanish possessions on the northern coast of Africa, and the postal establishments of Spain upon the Western coast of Morocco), Great Britain (including the Island of Malta), Greece, Italy, Luxemburg, Norway, the Netherlands, Portugal, including Madeira and the Azores, Roumania, Russia, Finland, Servia, Sweden, Switzerland, and Turkey; for prepaid letters 6 cts. per ½ oz. Unpaid letters 10 cts. Postal cards 2 cts. each. Newspapers, not over four ozs., 2 cts. each. Books, other printed matter, patterns, legal documents, photographs, etc., 2 cts. for each 2 ozs. Registration fee on all correspondence, 10 cts.

Justice Swayne, now of the Supreme Bench of the United States, was formerly a popular lawyer of Columbus, Ohio. He once had a case in Pickaway County relating to a lot of hogs, and the witness, a plain farmer.

QES. BY SWAYNE: Mr. Carper, do you know anything about a lot of hogs fed by Foresman for Mr. Baker?

ANS.: Yes, sir.

QES.: Well, can you tell me how many there were in the lot?

ANS.: Well (looking Swayne straight in the face), there were about a hundred or thereabouts, but *I can't tell to a hog*. The court smole a smile and Swayne bowed his acknowledgments gracefully.

"Business before Pleasure," as the shoemaker said when he worked on the day of his wife's funeral.

Never do to-day what can as well be done to-morrow, for when to-morrow comes it may not be necessary to be done.

When our Frank was a five-year-old, and beginning to use a gimlet and a knife, he was one day amusing himself in making a little table out of the end of a broken cigar box; but it was a failure. He could not put the legs in to suit him, and it would topple over at the slightest touch. He was vexed at first, but soon took a ludicrous view of it; and finally, looking up to his grandmother, with a curious twinkle in his eye, he inquired: "Grandma, does God see everything down here?" "Certainly, Frank; but why do you ask?" "Well, I reckon when He comes to see my table He will have a good laugh." Sound philosophy that. There is a good deal to laugh at, for sure.

Demonstrative Love.—If you love a girl, don't be afraid to tell her so; and if she feels as you do, she will find many a way of responding Yes. Then, if you are worthy of each other, marry. After marriage keep on telling her that you love her; and if you are sincere it will bring you rich returns in many a kiss of affection, and many a piece of custard pie. I've tried it.

Worth Remembering.—Twenty minutes in the smoke of burning wool will take the pain out of the worst case of inflammation arising from a wound or bruise.

1st Month.

JANUARY, 1879.

31 Days.

| MOON'S PHASES. | | | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Slow. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi, and Louisiana. | | |
|-------------------------------|-----|-----------------------------------|--------------------|---------------------|---------------|---|-------|--------|-------------------------|---|-------|--------|---|-------|--------|
| D | D | | | | | Sun | Sun | Moon | | Sun | Sun | Moon | Sun | Sun | Moon |
| M | W | Phenomena and Important Events | | | S. | rises | sets. | sets. | m. | rises | sets. | sets. | rises | sets. | sets. |
| | | | | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| 1 | We | ♂ r. 4.42 M. Circumcision. | | | | 7.30 | 4.38 | 0.58 | | 47.25 | 4.44 | 0.55 | 7.35 | 5 | 0.46 |
| 2 | Th | Fr. Wm. IV d. 1861. | | | | 7.30 | 4.39 | 2.0 | | 47.25 | 4.44 | 1.56 | 7.35 | 6 | 1.42 |
| 3 | Fri | Battle of Princeton, 1777. | | | | 7.30 | 4.40 | 3.3 | | 57.25 | 4.45 | 2.58 | 7.35 | 7 | 2.39 |
| 4 | Sat | Clocks invented, 1326. | | | | 7.30 | 4.41 | 4.7 | | 57.25 | 4.46 | 4.17 | 7.35 | 7 | 3.38 |
| 1) 2d Sunday after Christmas. | | | | | | 9h. 33m. | | | Day's length, 10h. 4m. | | | | | | |
| 5 | Su | Bom. of Paris begun, 1871. | | | | 7.30 | 4.42 | 5.9 | | 67.25 | 4.47 | 5.07 | 7.45 | 8 | 4.37 |
| 6 | Mo | ♂ s. 6.57 A. Epiphany. ♀ | | | | 7.30 | 4.43 | 6.8 | | 67.25 | 4.48 | 6.17 | 7.45 | 9 | 5.34 |
| 7 | Tu | Chas. Dickens born, 1812. | | | | 7.30 | 4.44 | rises. | | 77.25 | 4.49 | rises. | 7.45 | 10 | rises. |
| 8 | We | ♂ 8th. Bat. N. O., 1815. | | | | 7.29 | 4.45 | 5.2 | | 77.24 | 4.50 | 5.87 | 7.45 | 11 | 5.31 |
| 9 | Th | ♂ Astor Library op'd, '54. | | | | 7.29 | 4.46 | 6.15 | | 77.24 | 4.51 | 6.20 | 7.45 | 11 | 6.38 |
| 10 | Fri | Eng. Penny Post com. 1840. | | | | 7.29 | 4.47 | 7.29 | | 87.24 | 4.52 | 7.32 | 7.45 | 12 | 7.45 |
| 11 | Sat | ♂ s. 10.25 A. Ala. secedes, '61 | | | | 7.29 | 4.48 | 8.43 | | 87.24 | 4.53 | 8.45 | 7.45 | 13 | 8.51 |
| 2) 1st Sunday after Epiphany. | | | | | | 9h. 41m. | | | Day's length, 10h. 11m. | | | | | | |
| 12 | Su | Bonaparte fam. ban. 1816. | | | | 7.28 | 4.49 | 9.56 | | 97.23 | 4.54 | 9.57 | 7.35 | 14 | 9.57 |
| 13 | Mo | Salmon P. Chase born, 1808. | | | | 7.28 | 4.50 | 11.10 | | 97.23 | 4.55 | 11.97 | 7.35 | 15 | 10.53 |
| 14 | Tu | ♂ in perigee. (invent. 1340 | | | | 7.28 | 4.52 | morn | | 97.23 | 4.56 | morn | 7.35 | 16 | morn |
| 15 | We | ♂ 15th. Gunpowder | | | | 7.27 | 4.53 | 0.25 | | 107.22 | 4.57 | 0.22 | 7.35 | 17 | 0.11 |
| 16 | Th | ♂ greatest elong. W. | | | | 7.27 | 4.54 | 1.41 | | 107.22 | 4.59 | 1.37 | 7.35 | 18 | 1.20 |
| 17 | Fri | Ben. Franklin born, 1706. | | | | 7.26 | 4.55 | 2.56 | | 107.21 | 5.0 | 2.51 | 7.35 | 19 | 2.29 |
| 18 | Sat | Dan'l Webster born, 1782. | | | | 7.25 | 4.57 | 4.9 | | 117.21 | 5.1 | 4.37 | 7.25 | 20 | 3.37 |
| 3) 2d Sunday after Epiphany. | | | | | | 9h. 51m. | | | Day's length, 10h. 19m. | | | | | | |
| 19 | Su | ♂ ♂ 1st Almanac U.S. 1639. | | | | 7.25 | 4.58 | 5.15 | | 117.20 | 5.2 | 5.87 | 7.25 | 21 | 4.41 |
| 20 | Mo | ♂ ♂ Vinegar Bitters. | | | | 7.24 | 4.59 | 6.8 | | 117.20 | 5.3 | 6.27 | 7.15 | 22 | 5.36 |
| 21 | Tu | Louis XVI beheaded, 1793. | | | | 7.23 | 5.0 | sets | | 127.19 | 5.4 | sets | 7.15 | 23 | sets |
| 22 | We | ♂ 22d. Byron b. 1788. | | | | 7.23 | 5.1 | 5.23 | | 127.19 | 5.6 | 5.27 | 7.15 | 24 | 5.45 |
| 23 | Th | ♂ ♂ ♂. ♂ ♂ ♂. ♂ ♂ ♂. | | | | 7.22 | 5.3 | 6.31 | | 127.18 | 5.7 | 6.35 | 7.05 | 25 | 6.47 |
| 24 | Fri | Telescope invented, 1549. | | | | 7.21 | 5.4 | 7.37 | | 127.17 | 5.8 | 7.39 | 7.05 | 26 | 7.47 |
| 25 | Sat | First col. reg. formed, 1863. | | | | 7.20 | 5.5 | 8.41 | | 137.16 | 5.9 | 8.42 | 6.59 | 27 | 8.44 |
| 4) 3d Sunday after Epiphany. | | | | | | 10h. 3m. | | | Day's length, 10h. 28m. | | | | | | |
| 26 | Su | Dr. Jenner died, 1823. | | | | 7.20 | 5.6 | 9.43 | | 137.15 | 5.10 | 9.43 | 6.59 | 28 | 9.40 |
| 27 | Mo | ♂ ♂. Mozart died, 1756. | | | | 7.19 | 5.8 | 10.44 | | 137.15 | 5.12 | 10.43 | 6.58 | 29 | 10.35 |
| 28 | Tu | Reign of Terror, Fr., 1793. | | | | 7.18 | 5.9 | 11.46 | | 137.14 | 5.13 | 11.43 | 6.58 | 30 | 11.30 |
| 29 | We | ♂ in apogee. Paine b. 1739. | | | | 7.17 | 5.10 | morn | | 137.13 | 5.14 | morn | 6.57 | 31 | morn |
| 30 | Th | ♂ 30th. Chas. I. ex. 1649 | | | | 7.16 | 5.11 | 0.48 | | 147.12 | 5.15 | 0.44 | 6.56 | 5.31 | 0.27 |
| 31 | Fri | Vaccination dis., 1798. | | | | 7.15 | 5.13 | 1.51 | | 147.11 | 5.17 | 1.46 | 6.56 | 5.32 | 1.25 |

JEWISH CALENDAR, 5639.—January 25, Rosh Hodesh Shevat.

They were talking about the weight of certain individuals in a certain family, and the daughter's young man spoke up before he thought and said, "I tell you that Jenny ain't so very light neither, though she looks so." And then the old man looked over his spectacles, and Jenny looked at a chromo on the wall intently, and John—well, he wished he hadn't said anything.

Each leaf has a colony of insects grazing on it like cows in a meadow.

Government land costs one dollar and twenty-five cents an acre, and whisky two dollars a bottle; and yet there are some who prefer whisky to land.

"The grate mass of mankind go out of this world just as they cum into it, unknown even to themselves; and what they ever cum here for at all iz a mystery which we shall know more about by-and-by."—Josh Billings.

Disappointment lurks in many a prize.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, NewEng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsylv- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|----------------|-----|-----------------------------------|--------------------|---------------------|---------------|--|-------|-------|--|-------|-------|--|-------|-------|
| | | | | | | Sun | Sun | Moon | Sun | Sun | Moon | Sun | Sun | Moon |
| | | | | | | rises | sets. | sets. | rises | sets. | sets. | rises | sets. | sets. |
| | | | | | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon | 6 | 8 | 46 e. | 8 | 22 e. | | | | | | | | | |
| Third Quarter | 13 | 1 | 58 e. | 1 | 34 e. | | | | | | | | | |
| New Moon | 20 | 11 | 7 e. | 10 | 43 e. | | | | | | | | | |
| D | D | Phenomena and Important Events | | | S. | | | | | | | | | |
| M | W | | | | | | | | | | | | | |
| 1 | Sat | Slavery abol. in U. S., 1865. | | | | 7 | 14 | 5.14 | 2.54 | 14 | 7 | 10 | 5.18 | 2.48 |

5) 4th Sunday after Epiphany.

10h. 17m.

Day's length, 10h. 40m.

| | | | | | | | | | | | | | | |
|---|-----|-------------------------|--|--|--|---|----|------|--------|----|---|---|------|--------|
| 2 | Su | Purif. Candlemas. | | | | 7 | 13 | 5.15 | 3.53 | 14 | 7 | 9 | 5.19 | 3.47 |
| 3 | Mo | H. Greeley born, 1811. | | | | 7 | 12 | 5.17 | 4.48 | 14 | 7 | 8 | 5.20 | 4.41 |
| 4 | Tu | ♂ in aphellion. | | | | 7 | 10 | 5.18 | 5.35 | 14 | 7 | 7 | 5.21 | 5.29 |
| 5 | We | Robert Peel born, 1788. | | | | 7 | 9 | 5.19 | 6.15 | 14 | 7 | 6 | 5.23 | 6.10 |
| 6 | Th | ♂th. France rec. U.S. | | | | 7 | 8 | 5.21 | rises. | 14 | 7 | 5 | 5.24 | rises. |
| 7 | Fri | ♂ s. 8.50 A. [1778. | | | | 7 | 7 | 5.22 | 6.25 | 14 | 7 | 4 | 5.25 | 6.27 |
| 8 | Sat | ♂ ♀ ☉ ☽ ☽. | | | | 7 | 6 | 5.23 | 7.40 | 14 | 7 | 3 | 5.26 | 7.41 |

6) Septuagesima Sunday

10h. 33m.

Day's length, 10h. 51m.

| | | | | | | | | | | | | | | |
|----|-----|-------------------------------|--|--|--|---|----|------|-------|----|---|----|------|-------|
| 9 | Su | ♂ in per. Harrison b. 1773. | | | | 7 | 5 | 5.25 | 8.56 | 14 | 7 | 1 | 5.28 | 8.56 |
| 10 | Mo | ♂ r. 4.16 M. ♀ s. 8.41 A. | | | | 7 | 3 | 5.26 | 10.13 | 14 | 7 | 0 | 5.29 | 10.11 |
| 11 | Tu | N.Y. Har. frozen across, '71. | | | | 7 | 2 | 5.27 | 11.30 | 14 | 6 | 59 | 5.30 | 11.26 |
| 12 | We | A. Lincoln born, 1809. [1789. | | | | 7 | 1 | 5.28 | morn | 14 | 6 | 58 | 5.31 | morn |
| 13 | Th | ♂ 13th. Ethau Allen d., | | | | 6 | 59 | 5.30 | 0.44 | 14 | 6 | 57 | 5.32 | 0.42 |
| 14 | Fri | ♂ St. Valentine's day. | | | | 6 | 58 | 5.31 | 2. 0 | 14 | 6 | 55 | 5.34 | 1.55 |
| 15 | Sat | Blackstone died, 1780. | | | | 6 | 56 | 5.32 | 3. 8 | 14 | 6 | 54 | 5.35 | 3. 1 |

7) Sexagesima Sunday.

10h. 43m.

Day's length, 11h. 4m.

| | | | | | | | | | | | | | | |
|----|-----|-------------------------------|--|--|--|---|----|------|------|----|---|----|------|------|
| 16 | Su | ♂ ♂. Dr. Kane d. 1857. | | | | 6 | 55 | 5.33 | 4. 5 | 14 | 6 | 53 | 5.36 | 3.59 |
| 17 | Mo | Columbia, S. C., burned, '65. | | | | 6 | 54 | 5.35 | 4.52 | 14 | 6 | 51 | 5.37 | 4.46 |
| 18 | Tu | Vinegar Bitters. | | | | 6 | 52 | 5.36 | 5.30 | 14 | 6 | 50 | 5.38 | 5.25 |
| 19 | We | Thiers Pres. Fr. Repub. '71. | | | | 6 | 51 | 5.37 | 6. 0 | 14 | 6 | 48 | 5.39 | 5.57 |
| 20 | Th | ♂ 20th. ♂ ♀ ♀, ♀ ♂. | | | | 6 | 49 | 5.39 | sets | 14 | 6 | 47 | 5.41 | sets |
| 21 | Fri | First Am. Locomo. '19. | | | | 6 | 48 | 5.40 | 6.28 | 14 | 6 | 46 | 5.42 | 6.29 |
| 22 | Sat | ♂ ♀. ☽ ☽. | | | | 6 | 46 | 5.41 | 7.30 | 14 | 6 | 44 | 5.43 | 7.30 |

8) Quinquagesima Sunday.

11h. 5m.

Day's length, 11h. 17m.

| | | | | | | | | | | | | | | |
|----|-----|----------------------------|--|--|--|---|----|------|-------|----|---|----|------|-------|
| 23 | Su | ♂ ♂. Vinegar Bitters. | | | | 6 | 45 | 5.42 | 8.32 | 14 | 6 | 43 | 5.44 | 8.31 |
| 24 | Mo | Louis Phillippe abd. '48 | | | | 6 | 43 | 5.44 | 9.33 | 13 | 6 | 41 | 5.45 | 9.31 |
| 25 | Tu | ♂ in apogee. Bat. Trenton, | | | | 6 | 42 | 5.45 | 10.36 | 13 | 6 | 40 | 5.46 | 10.32 |
| 26 | We | Ash Wednesday. [1776. | | | | 6 | 40 | 5.46 | 11.38 | 13 | 6 | 38 | 5.48 | 11.29 |
| 27 | Th | Longfellow born, 1807. | | | | 6 | 39 | 5.47 | morn | 13 | 6 | 37 | 5.49 | morn |
| 28 | Fri | Bat. Long Island, 1776. | | | | 6 | 37 | 5.49 | 0.40 | 13 | 6 | 35 | 5.50 | 0.34 |

JEWISH CALENDAR, 5639.—February 24, Rosh Hodesh Adar.

What Our Coins Weigh.—One million dollars in gold weighs 3,685 5-7 pounds avoirdupois; 1,000,000 trade dollars weigh 60,000; 1,000,000 of 412½ grains weighs 58,928 4-7; 1,000,000 in fractional coins weighs 55,114 2-7; 1,000,000 in five cent nickels weighs 220,457 1-7; 1,000,000 in three cent nickels weighs 142,857 1-7; 1,000,000 in one cent pieces weighs 685,714 2-7. A coinage of 4,000,000 of the new silver dollars per month would amount in a year to 2,828,571 3-7 pounds, or over 1,414½ tons, and if the pieces were laid side by side they would form a continuous string 1,136½ miles in length.

A Georgia man had been absent from home for two weeks. On his return he first met his little eight-year-old son. "All well, Willie?" "Yes, the very weldest kind." "Nothing happened?" "Not a thing. I've been good, Jennie's been good, and I never saw ma behave so well in all my life."

When a man is in the wrong and owns it, he admits that he is wiser to-day than yesterday; and to confess it is noble.

Standard weights of grain per bushel.—Wheat, 60 pounds; corn and rye, 56; oats, 32; Barley, 43.

Be always in haste, but never in a hurry.

3d Month.

MARCH, 1879.

31 Days.

| MOON'S PHASES. | | | New York. | Charleston | MOON'S PLACE. | CALENDAR FOR | | | CALENDAR FOR | | | CALENDAR FOR | | |
|----------------|-----|----------------------|-----------|------------|---------------|--|-------|-------|--|-------|-------|---|-------|-------|
| D. | H. | M. | H. M. | H. M. | | Boston, New England, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | N. Y. City, Phila. New Jersey, Indiana, Pennsylvania, Ohio and Illinois. | | | Charleston, North Carolina, Tenn., Georgia, Alabama, Mississippi and Louisiana. | | |
| First Quarter | 1 | 3 | 2 m. | 2 38 m. | | Sun | Sun | Moon | Sun | Sun | Moon | Sun | Sun | Moon |
| Full Moon... | 8 | 8 | 13 m. | 7 49 m. | | rises | sets. | sets. | rises | sets. | sets. | rises | sets. | sets. |
| Third Quarter | 14 | 10 | 45 c. | 10 21 c. | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| New Moon... | 22 | 4 | 8 c. | 3 44 c. | | S. | m. | m. | S. | m. | m. | S. | m. | m. |
| First Quarter | 30 | 8 | 9 c. | 7 45 c. | | | | | | | | | | |
| D D | D D | Phenomena | | | | | | | | | | | | |
| M W | M W | and Important Events | | | | | | | | | | | | |

1 Sat Germans occupy Paris, 1871. 6.35 5.50 1.40 13 6.34 5.51 1.33 6.28 5.57 1.7

9) Quadragesima Sunday. 11h. 23m. Day's length, 11h. 31m.

| | | | | | | | | | | |
|-------|--|------------------------|--|-----------|--------|----|-----------|--------|-----------|--------|
| 2 Su | | 1st. ♂ r. 3.56 M. | | 6.34 5.51 | 2.35 | 12 | 6.32 5.52 | 2.29 | 6.27 5.58 | 2.2 |
| 3 Mo | | ♂ ♀ h. | | 6.32 5.52 | 3.25 | 12 | 6.31 5.53 | 3.18 | 6.25 5.59 | 2.53 |
| 4 Tu | | ♂ ♀ sup. | | 6.30 5.53 | 4.7 | 12 | 6.29 5.55 | 4.2 | 6.24 6.0 | 3.39 |
| 5 We | | Paris Commune, 1871. | | 6.29 5.55 | 4.43 | 12 | 6.28 5.56 | 4.39 | 6.23 6.0 | 4.21 |
| 6 Th | | Alamo fight, 1836. | | 6.27 5.56 | 5.14 | 11 | 6.26 5.57 | 5.12 | 6.22 6.1 | 4.59 |
| 7 Fri | | Florida a State, 1844. | | 6.25 5.57 | rises. | 11 | 6.25 5.58 | rises. | 6.20 6.2 | rises. |
| 8 Sat | | 8th. Tornado, 1871. | | 6.24 5.58 | 6.32 | 11 | 6.23 5.59 | 6.32 | 6.19 6.3 | 6.32 |

10) 2d Sunday in Lent. 11h. 41m. Day's length, 11h. 46m.

| | | | | | | | | | | |
|--------|--|------------------------------|--|-----------|-------|----|----------|-------|----------|-------|
| 9 Su | | ♄ in perigee. Purim. | | 6.22 5.59 | 7.50 | 11 | 6.21 6.0 | 7.49 | 6.18 6.4 | 7.42 |
| 10 Mo | | Prince of Wales married, '62 | | 6.20 6.1 | 9.10 | 10 | 6.20 6.1 | 9.7 | 6.17 6.4 | 8.54 |
| 11 Tu | | De Molay burned, 1313. | | 6.19 6.2 | 10.30 | 10 | 6.18 6.2 | 10.26 | 6.15 6.5 | 10.7 |
| 12 We | | ♂ r. 3.43 M. ♀ r. 5.19 M. | | 6.17 6.3 | 11.48 | 10 | 6.16 6.3 | 11.42 | 6.14 6.6 | 11.19 |
| 13 Th | | Death of Pocahontas, 1617. | | 6.15 6.4 | morn | 10 | 6.15 6.5 | morn | 6.13 6.6 | morn |
| 14 Fri | | 14th. Jackson b. 1767 | | 6.14 6.5 | 0.59 | 9 | 6.13 6.6 | 0.53 | 6.12 6.7 | 0.16 |
| 15 Sat | | ♂ ♀ h. Layard b. 1817. | | 6.12 6.6 | 2.1 | 9 | 6.11 6.7 | 1.54 | 6.10 6.8 | 1.27 |

11) 3d Sunday in Lent. 11h. 58m. Day's length, 12h. 0m.

| | | | | | | | | | | |
|--------|--|----------------------------|--|----------|------|---|----------|------|----------|------|
| 16 Su | | Morse, inventor, born, 11. | | 6.10 6.7 | 2.51 | 9 | 6.10 6.8 | 2.45 | 6.9 6.9 | 2.20 |
| 17 Mo | | ♂ ♄. St. Patrick. | | 6.8 6.9 | 3.31 | 8 | 6.8 6.9 | 3.26 | 6.8 6.9 | 3.5 |
| 18 Tu | | Calhoun born, 1782. | | 6.7 6.10 | 4.3 | 8 | 6.6 6.10 | 4.06 | 6.6 6.10 | 3.43 |
| 19 We | | Use Vinegar Bitters. | | 6.5 6.11 | 4.30 | 8 | 6.5 6.11 | 4.27 | 6.5 6.11 | 4.15 |
| 20 Th | | ♂ ♄. Spring begins. | | 6.3 6.12 | 4.53 | 8 | 6.3 6.12 | 4.51 | 6.4 6.11 | 4.45 |
| 21 Fri | | Stamp Act rep'd, 1766 | | 6.1 6.13 | 5.14 | 7 | 6.1 6.13 | 5.14 | 6.2 6.12 | 5.12 |
| 22 Sat | | 22d. ♂ r. 3.30 M. | | 6.0 6.14 | sets | 7 | 6.0 6.14 | sets | 6.1 6.13 | sets |

12) 4th Sunday in Lent. 12h. 17m. Day's length, 12h. 18m.

| | | | | | | | | | | |
|--------|--|----------------------------|--|-----------|-------|---|-----------|-------|-----------|-------|
| 23 Su | | ♂ h. Bat. Winchester, '62. | | 5.58 6.15 | 7.23 | 7 | 5.58 6.15 | 7.21 | 6.0 6.14 | 7.12 |
| 24 Mo | | ♂ ♄. | | 5.56 6.17 | 8.25 | 6 | 5.57 6.16 | 8.22 | 5.58 6.14 | 8.8 |
| 25 Tu | | ♂ ♄. ♄ in apogee. | | 5.54 6.18 | 9.27 | 6 | 5.55 6.17 | 9.22 | 5.57 6.15 | 9.4 |
| 26 We | | ♂ h. | | 5.53 6.19 | 10.28 | 6 | 5.53 6.18 | 10.23 | 5.56 6.16 | 10.1 |
| 27 Th | | Vera Cruz captured, 1847. | | 5.51 6.20 | 11.29 | 5 | 5.52 6.19 | 11.23 | 5.54 6.17 | 10.58 |
| 28 Fri | | Sewing Mach. invent., 1846 | | 5.49 6.21 | morn | 5 | 5.50 6.20 | morn | 5.53 6.17 | 11.52 |
| 29 Sat | | ♂ gr. elong. E. | | 5.47 6.22 | 0.25 | 5 | 5.48 6.21 | 0.19 | 5.52 6.18 | morn |

13) 5th Sunday in Lent. 12h. 34m. Day's length, 12h. 29m.

| | | | | | | | | | | |
|-------|--|-------------------------|--|-----------|------|---|-----------|------|-----------|------|
| 30 Su | | 30th. Treat. Paris, '56 | | 5.46 6.23 | 1.17 | 5 | 5.47 6.22 | 1.10 | 5.50 6.19 | 0.44 |
| 31 Mo | | J. C. Calhoun d. 1850. | | 5.44 6.25 | 2.1 | 4 | 5.45 6.24 | 1.55 | 5.49 6.19 | 1.32 |

JEWISH CALENDAR, 5639.—March 6, Fast of Esther. 9, Purim. 25, Rosh Hodesh Nisan.

For a willing and malignant wrong against a fellow-being, or for a direct violation of a law of one's nature, there is no forgiveness. Nature's demands are inexorable, and admit of no compromise; they will have the utmost farthing. So, for a departure from the laws of eternal right, the penalty follows the transgression to an extent commensurate with the offense.






"Cider may be a good temperance drink, but I can manage to get so drunk on it that I can't tell one of the 10 commandments from a by-law of a base-ball club."—Josh Billings.

When a man dies people inquire what property he has left behind him. Angels will ask what good deeds he has sent before him.

4th Month.

APRIL, 1879.










30 Days.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi, and Louisiana. | | |
|----------------|-----|-----------------------------------|--------------------|---------------------|---|---|--------------|---------------|---|--------------|---------------|---|--------------|---------------|
| D | M | | | | | Sun rises | Sun sets. | Moon h. m. | Sun rises | Sun sets. | Moon h. m. | Sun rises | Sun sets. | Moon h. m. |
| Full Moon... | 6 | | 2 28 e. | 5 4 e. | | | | | | | | | | |
| Third Quarter | 13 | | 9 13 m. | 8 49 m. | | | | | | | | | | |
| New Moon... | 21 | | 8 59 m. | 8 35 m. | | | | | | | | | | |
| First Quarter. | 30 | | 9 20 m. | 8 56 m. | | | | | | | | | | |
| D | D | Phenomena and Important Events | | | S. | Sun h. m. | Sun h. m. | Moon h. m. | Sun h. m. | Sun h. m. | Moon h. m. | Sun h. m. | Sun h. m. | Moon h. m. |
| M | W | | | | | | | | | | | | | |
| 1 | Tu | April Fools' Day. | | |  | 5.42 | 6.26 | 2.39 | 4.54 | 6.25 | 2.33 | 5.48 | 6.20 | 2.14 |
| 2 | We | Prof. Morse d. 1872. | | |  | 5.41 | 6.27 | 3.11 | 4.54 | 6.26 | 3.8 | 5.47 | 6.21 | 2.53 |
| 3 | Th | Washington Irving b. 1783. | | |  | 5.39 | 6.28 | 3.40 | 3.54 | 6.27 | 3.38 | 5.45 | 6.21 | 3.28 |
| 4 | Fri | U. S. First Newspaper U. S. | | |  | 5.37 | 6.29 | 4.6 | 3.53 | 6.28 | 4.5 | 5.44 | 6.22 | 4.1 |
| 5 | Sat | Plato died, 347 B. C. [1704. | | |  | 5.35 | 6.30 | 4.31 | 3.57 | 6.29 | 4.32 | 5.43 | 6.23 | 4.32 |

14) Palm Sunday.

12h. 52m.










Day's length, 12h. 43m.

| | | | | | | | | | | | | | | |
|----|-----|---|-----------------------------|---|------|------|--------|-----|------|------|--------|------|------|--------|
| 6 | Su |  | 6th. Bat. Shiloh, '62. |  | 5.34 | 6.31 | rises. | 2.5 | 3.56 | 6.30 | rises. | 5.41 | 6.24 | rises. |
| 7 | Mo |  | ♄ in perigee. ♄ stat. |  | 5.32 | 6.32 | 8.3 | 2.5 | 3.46 | 6.31 | 7.59 | 5.40 | 6.24 | 7.43 |
| 8 | Tu | | Passover. Vinegar Bitters. |  | 5.30 | 6.33 | 9.24 | 2.5 | 3.32 | 6.32 | 9.19 | 5.39 | 6.25 | 8.58 |
| 9 | We | | Surrender of Gen. Lee, '65. |  | 5.29 | 6.35 | 10.42 | 2.5 | 3.06 | 6.33 | 10.35 | 5.38 | 6.26 | 10.10 |
| 10 | Th | | Bonaparte abdicated, 1814. |  | 5.27 | 6.36 | 11.50 | 1.5 | 2.9 | 6.34 | 11.43 | 5.36 | 6.26 | 11.16 |
| 11 | Fri | | Good Friday. |  | 5.25 | 6.37 | morn | 1.5 | 2.7 | 6.35 | morn | 5.35 | 6.27 | morn |
| 12 | Sat | | Wm. M. Tweed died, 1878. |  | 5.24 | 6.38 | 0.46 | 1.5 | 2.6 | 6.36 | 0.40 | 5.34 | 6.28 | 0.15 |

15) Easter Sunday.

13h. 9m.









Day's length, 12h. 56m.

| | | | | | | | | | | | | | | |
|----|-----|---|----------------------------|---|------|------|------|-----|-----|------|------|------|------|------|
| 13 | Su |  | 13th. Bom. Paris, '71. |  | 5.22 | 6.39 | 1.31 | 1.5 | 2.4 | 6.37 | 1.25 | 5.33 | 6.29 | 1.2 |
| 14 | Mo |  | Assas. Pres. Lincoln, '65 |  | 5.20 | 6.40 | 2.6 | 0.5 | 2.2 | 6.38 | 2.1 | 5.31 | 6.29 | 1.43 |
| 15 | Tu | ♄ ♄ | Shakespeare b. 1564. |  | 5.19 | 6.41 | 2.34 | 0.5 | 2.1 | 6.39 | 2.31 | 5.30 | 6.30 | 2.18 |
| 16 | We | ♄ ♄ | R. Chambers d. '71. |  | 5.17 | 6.42 | 2.58 | F. | 1.9 | 6.40 | 2.56 | 5.29 | 6.31 | 2.48 |
| 17 | Th | ♄ ♄ | inf. ♄ ♄. |  | 5.16 | 6.44 | 3.20 | 0.5 | 1.8 | 6.41 | 3.19 | 5.28 | 6.31 | 3.15 |
| 18 | Fri | | Benj. Franklin died, 1790. |  | 5.14 | 6.45 | 3.40 | 1.5 | 1.6 | 6.42 | 3.40 | 5.27 | 6.32 | 3.42 |
| 19 | Sat | ♄ ♄ | Bat. Lexington, 1775 |  | 5.12 | 6.46 | 4.0 | 1.5 | 1.5 | 6.43 | 4.2 | 5.25 | 6.33 | 4.8 |

14) Low Sunday.

13h. 25m.






Day's length, 13h. 9m.

| | | | | | | | | | | | | | | |
|----|-----|---|------------------------|--|------|------|-------|-----|-----|------|-------|------|------|-------|
| 20 | Su | ♄ ♄ | Nap. III. b. 1808. |  | 5.11 | 6.47 | 4.21 | 1.5 | 1.3 | 6.44 | 4.24 | 5.24 | 6.33 | 4.35 |
| 21 | Mo |  | 21st. ♄ in apogee. |  | 5.9 | 6.48 | sets | 1.5 | 1.2 | 6.45 | sets | 5.23 | 6.34 | sets |
| 22 | We | | Russia dec. war, 1877. |  | 5.8 | 6.49 | 8.22 | 2.5 | 1.1 | 6.46 | 8.16 | 5.22 | 6.35 | 7.56 |
| 23 | Tu | ♄ ♄ | St. George. |  | 5.6 | 6.50 | 9.22 | 2.5 | 9 | 6.47 | 9.16 | 5.21 | 6.36 | 8.52 |
| 24 | Th | ♄ ♄ | Rosh Hodesh Iyar. |  | 5.5 | 6.51 | 10.20 | 2.5 | 8 | 6.48 | 10.13 | 5.20 | 6.36 | 9.47 |
| 25 | Fri | | St. Mark. |  | 5.3 | 6.52 | 11.12 | 2.5 | 6 | 6.49 | 11.6 | 5.19 | 6.37 | 10.39 |
| 26 | Sat | | Johnston sur. 1865. |  | 5.2 | 6.54 | 11.57 | 2.5 | 5 | 6.51 | 11.52 | 5.18 | 6.38 | 11.27 |

17) 2d Sunday after Easter.

13h. 42m.

Day's length, 13h. 22m.

| | | | | | | | | | | | | | | |
|----|----|---|---------------------------|---|------|------|------|-----|---|------|------|------|------|------|
| 27 | Su | | Crimean war termin. 1856. |  | 5.0 | 6.55 | morn | 2.5 | 4 | 6.52 | morn | 5.17 | 6.39 | morn |
| 28 | Mo | ♄ stat. | Monroe b. 1758. |  | 4.59 | 6.56 | 0.37 | 3.5 | 2 | 6.53 | 0.31 | 5.16 | 6.39 | 0.10 |
| 29 | Tu |  | Great Eclipse of 1652. |  | 4.58 | 6.57 | 1.10 | 3.5 | 1 | 6.54 | 1.6 | 5.15 | 6.40 | 0.49 |
| 30 | We | ♄ ♄ | 30th. ♄ ♄ ♄. |  | 4.56 | 6.58 | 1.38 | 3.5 | 0 | 6.55 | 1.36 | 5.14 | 6.41 | 1.24 |

JEWISH CALENDAR, 5639.—April 8-15, Passover. 24, Rosh Hodesh Iyar.

There is nothing that so takes the starch out of a young married man, who has been wedded about a year, as to have to go to a store where there is a girl clerk that he used to keep company with, and inquire for those large sized safety pins.

Butterflies are fully feathered.

An editor offers a reward of \$5 for the best treatise on "How to make out-door life attractive to the mosquito."

When a bridegroom finds all the clothes he owns in the world hung one over the other on a hook behind the pantry door, he realizes for the first time that the honeymoon is over








That man who knows the world will never be bashful, and that man who knows himself will never be impudent.

Red is used for danger signals on the railroads, and always means "stop." On a man's nose it ought to give the same warning.

5th Month.

MAY, 1879.

31 Days.

| MOON'S PHASES. | | | D. | New York. H. M. | Charleston S. M. | Moon's Place. | CALENDAR FOR | | | Sun Fast. | CALENDAR FOR | | | CALENDAR FOR | | | |
|---------------------------------|-----|--|----|--------------------|---------------------|---|--|-------|-------------------------|--------------|--|-------|--------|---|-------|--------|-------|
| | | | | | | | Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | | N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississipp, and Louisiana. | | | |
| Full Moon... | 6 | 1 13 m. | | 0 53 m. | | | Sun | Sun | Moon | | Sun | Sun | Moon | Sun | Sun | Moon | |
| Third Quarter | 12 | 9 40 e. | | 9 16 e. | | | rises | sets. | sets. | | rises | sets. | sets. | rises | sets. | sets. | |
| New Moon... | 21 | 0 54 m. | | 0 30 m. | | | h. m. | h. m. | h. m. | m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | |
| First Quarter | 28 | 6 40 e. | | 8 16 e. | | | | | | | | | | | | | |
| D | D | Phenomena | | | | S. | Sun | | | m. | Sun | | | m. | Sun | | |
| M | W | and Important Events | | | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. |
| 1 | Th | Battle of Port Gibson, 1863. | | | |  | 4.55 | 6.59 | 2. 5 | 3 | 4.58 | 6.56 | 2. 4 | 5.12 | 6.41 | 1.57 | |
| 2 | Fri | ♀ in perthel. ☿ ♃. [1481 | | | |  | 4.53 | 7. 0 | 2.30 | 3 | 4.57 | 6.57 | 2.30 | 5.12 | 6.42 | 2.29 | |
| 3 | Sat | ♀ in aph. Mahomet II. d. | | | |  | 4.52 | 7. 1 | 3. 1 | 3 | 4.56 | 6.58 | 2.57 | 5.11 | 6.43 | 3. 4 | |
| 18) 3d Sunday after Easter. | | | | | | 13h. 57m. | | | Day's length, 13h. 34m. | | | | | | | | |
| 4 | Su | Surrender of Vicksburg, '63. | | | |  | 4.51 | 7. 3 | 3.23 | 3 | 4.54 | 6.59 | 3.26 | 5.10 | 6.44 | 3.37 | |
| 5 | Mo | Death Nap. Bonaparte, 1821 | | | |  | 4.49 | 7. 4 | rises. | 3 | 4.53 | 7. 0 | rises. | 5. 9 | 6.44 | rises. | |
| 6 | Tu |  6th. ☿ in perigee. | | | |  | 4.48 | 7. 5 | 8.14 | 4 | 4.52 | 7. 1 | 8. 8 | 5. 8 | 6.45 | 7.45 | |
| 7 | We |  Sitting Bull defeat. '77 | | | |  | 4.47 | 7. 6 | 9.29 | 4 | 4.51 | 7. 2 | 9.22 | 5. 7 | 6.46 | 8.56 | |
| 8 | Th | ♂ stat. Dante b. 1265. | | | |  | 4.46 | 7. 7 | 10.32 | 4 | 4.50 | 7. 3 | 10.26 | 5. 6 | 6.47 | 10. 0 | |
| 9 | Fri | ♂ 7. O'ng Pac. R.R. '69. ♀ | | | |  | 4.45 | 7. 8 | 11.23 | 4 | 4.49 | 7. 4 | 11.18 | 5. 5 | 6.47 | 10.54 | |
| 10 | Sat | Capture Jeff. Davis, 1865. | | | |  | 4.43 | 7. 9 | morn | 4 | 4.48 | 7. 5 | 11.59 | 5. 4 | 6.48 | 11.39 | |
| 19) 4th Sunday after Easter. | | | | | | 14h. 11m. | | | Day's length, 13h. 45m. | | | | | | | | |
| 11 | Su | 33d day of Omer. [1780. | | | |  | 4.42 | 7.10 | 0. 3 | 4 | 4.47 | 7. 6 | morn | 5. 4 | 6.49 | morn | |
| 12 | Mo |  12th. Sur. Charleston, | | | |  | 4.41 | 7.11 | 0.35 | 4 | 4.46 | 7. 7 | 0.32 | 5. 3 | 6.50 | 0.17 | |
| 13 | Tu | Jamestown, Va., set. | | | |  | 4.40 | 7.12 | 1. 1 | 4 | 4.44 | 7. 8 | 0.59 | 5. 2 | 6.50 | 0.49 | |
| 14 | We | ♂ 4. ☿ ☿. ☿. [1607. | | | |  | 4.39 | 7.13 | 1.24 | 4 | 4.43 | 7. 9 | 1.23 | 5. 1 | 6.51 | 1.18 | |
| 15 | Th | ♂ gr. elong. W. | | | |  | 4.38 | 7.14 | 1.45 | 4 | 4.42 | 7.10 | 1.45 | 5. 1 | 6.52 | 1.45 | |
| 16 | Fri | Take Vinegar Bitters. | | | |  | 4.37 | 7.15 | 2. 5 | 4 | 4.42 | 7.11 | 2. 7 | 5. 0 | 6.52 | 2.11 | |
| 17 | Sat | ♂ 2. John Jay d. 1829. | | | |  | 4.36 | 7.16 | 2.26 | 4 | 4.41 | 7.12 | 2.29 | 4.59 | 6.53 | 2.38 | |
| 20) Rogation Sunday. | | | | | | 14h. 27m. | | | Day's length, 13h. 55m. | | | | | | | | |
| 18 | Su | ♂ 3. ☿ in apogee. | | | |  | 4.35 | 7.17 | 2.49 | 4 | 4.40 | 7.13 | 2.52 | 4.59 | 6.54 | 3. 7 | |
| 19 | Mo | Anne Boleyn behead. 1536. | | | |  | 4.34 | 7.18 | 3.15 | 4 | 4.39 | 7.14 | 3.19 | 4.58 | 6.54 | 3.38 | |
| 20 | Tu | Columbus died, 1506. [1851. | | | |  | 4.33 | 7.19 | sets | 4 | 4.38 | 7.15 | sets | 4.58 | 6.55 | sets | |
| 21 | We |  21st. Lafayette died, | | | |  | 4.33 | 7.20 | 8.14 | 4 | 4.37 | 7.16 | 8. 8 | 4.57 | 6.56 | 7.42 | |
| 22 | Th |  Ascension Day. | | | |  | 4.32 | 7.21 | 9. 8 | 4 | 4.37 | 7.16 | 9. 2 | 4.56 | 6.56 | 8.36 | |
| 23 | Fri | ♂ gr. hel. lat. S. | | | |  | 4.31 | 7.22 | 9.56 | 4 | 4.36 | 7.17 | 9.50 | 4.56 | 6.57 | 9.25 | |
| 24 | Sat | ♂ 2. ♀ gr. hel. lat. N. | | | |  | 4.30 | 7.23 | 10.37 | 3 | 4.35 | 7.18 | 10.31 | 4.55 | 6.58 | 10. 9 | |
| 21) 1st Sunday after Ascension. | | | | | | 14h. 34m. | | | Day's length, 14h. 3m. | | | | | | | | |
| 25 | Su | R. W. Emerson b. 1803. | | | |  | 4.29 | 7.24 | 11.11 | 3 | 4.35 | 7.19 | 11. 7 | 4.55 | 6.58 | 10.49 | |
| 26 | Mo | First Am. Bank estab. 1781. | | | |  | 4.28 | 7.25 | 11.41 | 3 | 4.34 | 7.20 | 11.38 | 4.55 | 6.59 | 11.24 | |
| 27 | Tu | Sur. Paris Commune, 1871. | | | |  | 4.28 | 7.26 | morn | 3 | 4.33 | 7.21 | morn | 4.54 | 7. 0 | 11.57 | |
| 28 | We |  23th. Feast of Weeks | | | | | 4.27 | 7.27 | 0. 7 | 3 | 4.33 | 7.21 | 0. 6 | 4.54 | 7. 0 | morn | |
| 29 | Th | ☿ ☿. Gen. Scott, d. '66 | | | | | 4.27 | 7.27 | 0.31 | 3 | 4.32 | 7.22 | 0.31 | 4.53 | 7. 1 | 0.28 | |
| 30 | Fri | Decoration Day. | | | | | 4.26 | 7.28 | 0.56 | 3 | 4.32 | 7.23 | 0.57 | 4.53 | 7. 2 | 1. 0 | |
| 31 | Sat | Bat. of Seven Pines, 1862. | | | | | 4.26 | 7.29 | 1.22 | 3 | 4.31 | 7.24 | 1.24 | 4.53 | 7. 2 | 1.32 | |

JEWISH CALENDAR, 5639.—May 11, Thirty-third day of Omer. 23, Rosh Hodesh Sivan. 28, Feast of Weeks.

An old dorky fishing on a wharf at Galveston was heard talking to the fish he saw swimming around his line in this fashion: "Give me a bite, honey; de children am a-crying down to my house, and I tell you it's fish or nothing in dat establishment."

To tell your own secrets is folly; to tell those which have been entrusted to you is treachery.

Each drop of stagnant water contains a world of living creatures, swimming with as much liberty as whales in the sea.

































Ages of Animals.—Cat, 15 years; cow, 20; deer, 20; dog, 15; elephant, 400; horse, 30; sheep, 10; hog, 20.

Whenever you have anything to do, do it!

6th Month.

JUNE, 1879.

30 Days.

| MOON'S PHASES. | | | D. | New York. R. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|-------------------------------|-----|---|-----------------------------------|---|---------------------|---------------|---|---------------|-------------------------|-----------|---|---------------|--------------|--|---------------|--|
| D | M | | | | Sun rises | | Sun sets. | Moon sets. | Sun rises | | Sun sets. | Moon sets. | Sun rises | Sun sets. | Moon sets. | |
| D | M | | | | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | h. m. | h. m. | |
| D | M | | Phenomena and Important Events | | | | S. | | | | S. | | | S. | | |
| Full Moon... | | 4 | 8 40 m. | 8 16 m. | | | | | | | | | | | | |
| Third Quarter | | 11 | 12 0 n. | 11 36 m. | | | | | | | | | | | | |
| New Moon... | | 19 | 3 23 e. | 2 59 e. | | | | | | | | | | | | |
| First Quarter. | | 27 | 1 0 m. | 0 36 m. | | | | | | | | | | | | |
| 22) Pentecost—Whitsunday. | | | | | | 14h. 43m. | | | Day's length, 14h. 10m. | | | | | | | |
| 1 | Su | | J. G. Bennett died, 1872. |  | 4.25 | 7.30 | 1.50 | 2 | 4.31 | 7.25 | 1.54 | 4.53 | 7.3 | 2.18 | | |
| 2 | Mo | | ☐ 70. Bat. Cold Harbor, '64 |  | 4.25 | 7.31 | 2.24 | 2 | 4.30 | 7.25 | 2.29 | 4.52 | 7.3 | 2.49 | | |
| 3 | Tu | | ☾ in perigee. |  | 4.24 | 7.31 | rises. | 2 | 4.30 | 7.26 | rises. | 4.52 | 7.4 | rises. | | |
| 4 | We |  | 4th. Bat. Magenta, '59 |  | 4.24 | 7.32 | 8.13 | 2 | 4.30 | 7.27 | 8.6 | 4.52 | 7.4 | 7.40 | | |
| 5 | Th | | Fenians inv. Can. '74. |  | 4.24 | 7.33 | 9.11 | 2 | 4.29 | 7.27 | 9.5 | 4.52 | 7.5 | 8.40 | | |
| 6 | Fri | | Capture of Memphis, 1862. |  | 4.23 | 7.34 | 9.58 | 2 | 4.29 | 7.28 | 9.53 | 4.51 | 7.5 | 9.31 | | |
| 7 | Sat | | Mahomet d. 632. |  | 4.23 | 7.34 | 10.34 | 1 | 4.29 | 7.29 | 10.30 | 4.51 | 7.6 | 10.13 | | |
| 23) Trinity Sunday. | | | | | | 14h. 49m. | | | Day's length, 14h. 15m. | | | | | | | |
| 8 | Su | | 1st paper money N. Y., 1709. |  | 4.23 | 7.35 | 11.2 | 1 | 4.28 | 7.29 | 11.0 | 4.51 | 7.6 | 10.48 | | |
| 9 | Mo | | Jerusalem besieged, 1099. |  | 4.23 | 7.35 | 11.27 | 1 | 4.28 | 7.30 | 11.26 | 4.51 | 7.7 | 11.19 | | |
| 10 | Tu | | ☾ 40. ☾ 0. |  | 4.23 | 7.36 | 11.49 | 1 | 4.28 | 7.30 | 11.48 | 4.51 | 7.7 | 11.47 | | |
| 11 | We |  | 11th. St. Barnabas. |  | 4.22 | 7.37 | morn | 1 | 4.28 | 7.31 | morn | 4.51 | 7.8 | morn | | |
| 12 | Th | | ☾ ☾ ☾. Corpus Christi. |  | 4.22 | 7.37 | 0.9 | 0 | 4.28 | 7.31 | 0.10 | 4.51 | 7.8 | 0.13 | | |
| 13 | Fri | | ☾ ☾ ☾. Slave Act repeal, '64. |  | 4.22 | 7.38 | 0.30 | 0 | 4.28 | 7.31 | 0.32 | 4.51 | 7.9 | 0.40 | | |
| 14 | Sat | | Battle of Marengo, 1800. |  | 4.22 | 7.38 | 0.52 | 0 | 4.28 | 7.32 | 0.55 | 4.51 | 7.9 | 1.8 | | |
| 24) 1st Sunday after Trinity. | | | | | | 14h. 53m. | | | Day's length, 14h. 18m. | | | | | | | |
| 15 | Su | | ☾ in apo. ☾ gr. hel. lat. S. |  | 4.22 | 7.38 | 1.17 | S. | 4.28 | 7.33 | 1.21 | 4.51 | 7.9 | 1.38 | | |
| 16 | Mo | | ☾ in perihel. |  | 4.22 | 7.39 | 1.45 | 0 | 4.28 | 7.33 | 1.50 | 4.51 | 7.10 | 2.12 | | |
| 17 | Tu | | Battle of Bunker Hill, 1775. |  | 4.22 | 7.39 | 2.19 | 1 | 4.28 | 7.33 | 2.26 | 4.51 | 7.10 | 2.50 | | |
| 18 | We | | ☾ ☾ ☾ sup. Bat. Wat'loo, '15 |  | 4.22 | 7.39 | 2.59 | 1 | 4.28 | 7.34 | 3.6 | 4.52 | 7.10 | 3.34 | | |
| 19 | Th |  | 19th. ☾ ☾ ☾. |  | 4.22 | 7.39 | sets | 1 | 4.28 | 7.34 | sets | 4.52 | 7.11 | sets | | |
| 20 | Fri | | Take Vinegar Bitters. |  | 4.23 | 7.40 | 8.37 | 1 | 4.28 | 7.34 | 8.31 | 4.52 | 7.11 | 8.8 | | |
| 21 | Sat | | ☾ ent ☼. Summer begins. | | 4.23 | 7.40 | 9.13 | 1 | 4.29 | 7.35 | 9.9 | 4.52 | 7.11 | 8.50 | | |
| 25) 2d Sunday after Trinity. | | | | | | 14h. 54m. | | | Day's length, 14h. 19m. | | | | | | | |
| 22 | Su | | Mollie Maguires hung, 1877. |  | 4.23 | 7.40 | 9.45 | 2 | 4.29 | 7.35 | 9.41 | 4.52 | 7.11 | 9.27 | | |
| 23 | Mo | | ☾ ☾ ☾. Bat. Solferino, 1859. |  | 4.23 | 7.40 | 10.12 | 2 | 4.29 | 7.35 | 10.10 | 4.53 | 7.11 | 10.0 | | |
| 24 | Tu | | St. John the Baptist. |  | 4.23 | 7.41 | 10.36 | 2 | 4.29 | 7.35 | 10.35 | 4.53 | 7.11 | 10.31 | | |
| 25 | We | | ☾ ☾ ☾. Bat. Lundy's Lane, '13 |  | 4.23 | 7.41 | 11.0 | 2 | 4.30 | 7.35 | 11.0 | 4.53 | 7.12 | 11.1 | | |
| 26 | Th | | ☾ gr. hel. lat. N. [1868. |  | 4.24 | 7.41 | 11.24 | 3 | 4.30 | 7.35 | 11.25 | 4.54 | 7.12 | 11.32 | | |
| 27 | Fri | | 27th. Adm. Foote d. |  | 4.24 | 7.41 | 11.50 | 3 | 4.31 | 7.35 | 11.53 | 4.54 | 7.12 | morn | | |
| 28 | Sat |  | Victoria crowned, '38. | | 4.24 | 7.41 | morn | 3 | 4.31 | 7.35 | morn | 4.54 | 7.12 | 0.5 | | |
| 26) 3d Sunday after Trinity. | | | | | | 14h. 52m. | | | Day's length, 14h. 17m. | | | | | | | |
| 29 | Su | | St. Peter. H. Clay d. 1851. |  | 4.25 | 7.41 | 0.20 | 3 | 4.31 | 7.35 | 0.25 | 4.55 | 7.12 | 0.43 | | |
| 30 | Mo | | ☾ ☾ ☾. Printing inven. 1444. |  | 4.25 | 7.41 | 1.1 | 3 | 4.32 | 7.35 | 1.7 | 4.55 | 7.12 | 1.30 | | |

JEWISH CALENDAR, 5639.—June 22, Rosh Hodesh Tamuz.

Reasons of the man who talked to himself:
Why do you talk to yourself?

For two reasons: First, because I like to talk to a sensible man; and, second, because I like to hear a sensible man talk.

"Press criticism" is a Turkish towel with which every public man needs to be rubbed every day in order to create a circulation.—*Tal-mage*.

My father used to say that there were two things men should never worry at—First, whatever they cannot help; second, whatever they can help. That's all there is in it.

Children should be taught to do right because it is right to do right, and not from any hope of reward or fear of punishment. "Virtue is its own reward." This is a pretty good principle to govern grown people also.

7th Month.

JULY, 1879.

31 Days.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Slow. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|-------------------------------|-----|-----------------------------------|--------------------|---------------------|---------------|---|--------------|---------------|-------------------------|---|--------------|---------------|--|--------------|---------------|
| D | M | | | | | Sun rises | Sun sets. | Moon sets. | | Sun rises | Sun sets. | Moon sets. | Sun rises | Sun sets. | Moon sets. |
| Full Moon... | 3 | | 4 42 e. | 4 18 e. | | | | | | | | | | | |
| Third Quarter | 11 | | 3 58 m. | 3 31 m. | | | | | | | | | | | |
| New Moon... | 19 | | 4 10 m. | 3 46 m. | | | | | | | | | | | |
| First Quarter. | 26 | | 5 40 m. | 5 16 m. | | | | | | | | | | | |
| D | M | Phenomena and Important Events | | | S. | h. m. | h. m. | h. m. | m. | h. m. | h. m. | h. m. | h. m. | h. m. | |
| 1 | Tu | ☾ in perigee. 2 stat. ☾ | | | | 4.27 | 7.41 | 1.44 | 4 | 4.32 | 7.35 | 1.51 | 4.55 | 7.12 | |
| 2 | We | ☉ gr. dis. from ☾. [1863. | | | | 4.27 | 7.41 | 2.42 | 4 | 4.33 | 7.35 | 2.49 | 4.56 | 7.12 | |
| 3 | Th | ☉ 3d. Bat. Gettysburg, | | | | 4.28 | 7.40 | rises. | 4 | 4.33 | 7.35 | rises. | 4.56 | 7.12 | |
| 4 | Fri | ☉ Independence Day. | | | | 4.28 | 7.40 | 8.29 | 4 | 4.34 | 7.34 | 8.24 | 4.57 | 7.12 | |
| 5 | Sat | ☉ Battle of Carthage, 1861. | | | | 4.29 | 7.40 | 9. 1 | 4 | 4.35 | 7.34 | 8.58 | 4.57 | 7.12 | |
| 27) 4th Sunday after Trinity. | | | | | | 14h. 47m. | | | Day's length, 14h. 13m. | | | | | | |
| 6 | Su | ☉ Russians cross the Danube, | | | | 4.30 | 7.40 | 9.28 | 4 | 4.35 | 7.34 | 9.26 | 4.58 | 7.11 | |
| 7 | Mo | ☉ 1/2 ☉. Vinegar Bitters. [77 | | | | 4.30 | 7.39 | 9.51 | 5 | 4.36 | 7.34 | 9.50 | 4.58 | 7.11 | |
| 8 | Tu | ☉ ☽ ☽. | | | | 4.31 | 7.39 | 10.13 | 5 | 4.36 | 7.33 | 10.13 | 4.59 | 7.11 | |
| 9 | We | ☉ in perigee. Z. Taylor d. 50 | | | | 4.32 | 7.38 | 10.37 | 5 | 4.37 | 7.33 | 10.35 | 4.59 | 7.11 | |
| 10 | Th | ☉ Tobacco intro. in Eng. 1586 | | | | 4.32 | 7.38 | 10.55 | 5 | 4.38 | 7.33 | 10.58 | 5. 07.11 | 11. 9 | |
| 11 | Fri | ☉ 11th. ☉ ☽ ☽. | | | | 4.33 | 7.37 | 11.18 | 5 | 4.38 | 7.32 | 11.22 | 5. 07.10 | 11.38 | |
| 12 | Sat | ☉ ☽ in apogee. | | | | 4.34 | 7.37 | 11.45 | 5 | 4.39 | 7.32 | 11.50 | 5. 17.10 | morn | |
| 29) 5th Sunday after Trinity. | | | | | | 14h. 40m. | | | Day's length, 14h. 9m. | | | | | | |
| 13 | Su | ☉ Bernouille died, 1807. | | | | 4.35 | 7.36 | morn | 5 | 4.40 | 7.31 | morn | 5. 17.10 | 0.10 | |
| 14 | Mo | ☉ French Rev. com. 1789. | | | | 4.35 | 7.36 | 0.17 | 6 | 4.41 | 7.31 | 0.23 | 5. 27. 9 | 0.47 | |
| 15 | Tu | ☉ Fall of Jerusalem, 1099. | | | | 4.36 | 7.35 | 0.56 | 6 | 4.41 | 7.30 | 1. 35. | 5. 37. 9 | 1.29 | |
| 16 | We | ☉ ♀ gr. elong. E. | | | | 4.37 | 7.35 | 1.43 | 6 | 4.42 | 7.29 | 1.55 | 5. 37. 9 | 2.18 | |
| 17 | Th | ☉ John Jacob Astor b. 1763. | | | | 4.38 | 7.34 | 2.38 | 6 | 4.43 | 7.29 | 2.52 | 5. 47. 8 | 3.12 | |
| 18 | Fri | ☉ ☉ eclipsed, invisible. | | | | 4.39 | 7.33 | sets | 6 | 4.44 | 7.28 | sets | 5. 47. 8 | sets | |
| 19 | Sat | ☉ 19th. ☉ | | | | 4.40 | 7.32 | 7.47 | 6 | 4.45 | 7.27 | 7.43 | 5. 57. 7 | 7.27 | |
| 23) 6th Sunday after Trinity. | | | | | | 14h. 31m. | | | Day's length, 14h. 1m. | | | | | | |
| 20 | Su | ☉ ☽ ☽ ☽. | | | | 4.41 | 7.32 | 8.16 | 6 | 4.46 | 7.27 | 8.13 | 5. 67. 7 | 8. 2 | |
| 21 | Mo | ☉ ☽ ☽ ☽. Bat. Bull Run, 1861. | | | | 4.42 | 7.31 | 8.41 | 6 | 4.46 | 7.26 | 8.40 | 5. 67. 6 | 8.34 | |
| 22 | Tu | ☉ ☽ ☽ ☽. [1877. | | | | 4.43 | 7.30 | 9. 5 | 6 | 4.47 | 7.25 | 9. 55. | 5. 77. 6 | 9. 5 | |
| 23 | We | ☉ Entire Nat. Guard ord. out. | | | | 4.43 | 7.29 | 9.29 | 6 | 4.48 | 7.24 | 9.31 | 5. 87. 5 | 9.36 | |
| 24 | Th | ☉ Ex-Pres. Van Buren d. '62. | | | | 4.44 | 7.28 | 9.54 | 6 | 4.49 | 7.24 | 9.57 | 5. 87. 4 | 10. 8 | |
| 25 | Fri | ☉ St. James. | | | | 4.45 | 7.27 | 10.23 | 6 | 4.50 | 7.23 | 10.27 | 5. 97. 4 | 10.43 | |
| 26 | Sat | ☉ 26th. Dog days. | | | | 4.46 | 7.26 | 10.58 | 6 | 4.51 | 7.22 | 11. 35. | 5. 107. 3 | 11.24 | |
| 30) 7th Sunday after Trinity. | | | | | | 14h. 20m. | | | Day's length, 13h. 53m. | | | | | | |
| 27 | Su | ☉ ♀ gr. elong. E. ☽ in perigee | | | | 4.47 | 7.25 | 11.39 | 6 | 4.52 | 7.21 | 11.35 | 5. 107. 3 | morn | |
| 28 | Mo | ☉ Bat. Talavera, 1809. | | | | 4.48 | 7.24 | morn | 6 | 4.53 | 7.20 | morn | 5. 117. 2 | 0.11 | |
| 29 | Tu | ☉ 1/2 stat. Savannah Riot, '72. | | | | 4.49 | 7.23 | 0.31 | 6 | 4.54 | 7.19 | 0.38 | 5. 127. 1 | 1. 6 | |
| 30 | We | ☉ ☽ in aph. Wm. Penn d. 1718 | | | | 4.50 | 7.22 | 1.33 | 6 | 4.55 | 7.18 | 1.40 | 5. 127. 0 | 2. 8 | |
| 31 | Th | ☉ Russian repulse, Plevna, '77. | | | | 4.51 | 7.21 | 2.43 | 6 | 4.56 | 7.17 | 2.49 | 5. 136.59 | 3.15 | |

**JEWISH CALENDAR, 5639.—July 8, Fast of Tamuz. 21, Rosh
Hodesh Ab. 24, Fast of Ab.**

A family of emigrants, on the way to Texas, camped over night. In the morning the man packed all the things in the wagon to continue the journey, except his aged mother-in-law, whom he left at the side of the road. However, a mob compelled him to take her along.

Sentimental young grammarians are very apt to parse "love" as a "fine-night verb."






















































A Staff Commander was inspecting an English yeomanry regiment on outpost duty. "What are you doing here, my man?" he asked a vedette. "Mackin' a danged file of myself, sir." "How so?" "Why, I should be at home carryin' hay." His heart was not in that parade.

Press, Pulpit and Petticoats—Three ruling powers.

8th Month.

AUGUST, 1879.

31 Days.

| MOON'S PHASES. | | | | D. | New York. H. M. | Charleston H. M. | Moon's Place. S. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Slow. m. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | | | | |
|----------------|----------------------------|---|-----------------------|----|--------------------|---|---|---|----------------|--------------|-----------------|---|----------------|--------------|--|----------------|-------|--------|-------|------|
| D | D | Phenomena and Important Events | | | | Sun rises | | Sun sets. | Moon rises. | Sun rises | | Sun sets. | Moon rises. | Sun rises | Sun sets. | Moon rises. | | | | |
| M | W | | | | | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | h. m. | h. m. | | | | |
| 1 | Fri |  | Riot at Scranton, Pa. | | | |  | 4.52 | 7.20 | rises. | | 6.45 | 6.71 | 6.16 | rises. | 5.14 | 6.59 | rises. | | |
| 2 | Sat |  | 2d. [1877.] | | | |  | 4.53 | 7.19 | 7.28 | | 6.45 | 7.15 | 7.26 | 5.14 | 6.58 | 7.14 | | | |
| 31 | 8th Sunday after Trinity. | | | | | | | 14h. 7m. | | | | Day's length, 13h. 42m. | | | | | | | | |
| 3 | Su | Crown Point taken, 1759. | | | |  | 4.54 | 7.18 | 7.53 | | 6.45 | 7.14 | 7.52 | 5.15 | 6.57 | 7.46 | | | | |
| 4 | Mo |       | | | |  | 4.55 | 7.16 | 8.15 | | 6.45 | 7.12 | 8.15 | 5.16 | 6.56 | 8.14 | | | | |
| 5 | Tu | Russian defeat. Lovatz, '77. | | | |  | 4.57 | 7.15 | 8.36 | | 6.5 | 0.71 | 8.38 | 5.16 | 6.55 | 8.42 | | | | |
| 6 | We | Ben. Johnson d. 1637. [480 B.C.] | | | |  | 4.58 | 7.14 | 8.58 | | 6.5 | 1.70 | 9 | 0.57 | 6.54 | 9 | | | | |
| 7 | Th |  Bat. Thermopylae. | | | |  | 4.59 | 7.13 | 9.22 | | 6.5 | 2.7 | 9 | 9.24 | 5.18 | 6.53 | 9.38 | | | |
| 8 | Fri |  9th, ♀ stat. | | | |  | 5 | 0.71 | 9.46 | | 5.5 | 3.7 | 8 | 9.51 | 5.18 | 6.52 | 10 | | | |
| 9 | Sat |  9th. ♂ ♂ c. c in apo. | | | |  | 5 | 1.7 | 10.16 | | 5.5 | 4.7 | 6 | 10.22 | 5.19 | 6.51 | 10.44 | | | |
| 32 | 9th Sunday after Trinity. | | | | | | | 13h. 52m. | | | | Day's length, 13h. 30m. | | | | | | | | |
| 10 | Su | Storming of Tuilleries, 1792 | | | |  | 5 | 2.7 | 9.10.52 | | 5.5 | 5.7 | 5 | 10.58 | 5.20 | 6.50 | 11.24 | | | |
| 11 | Mo | Try Vinegar Bitters. | | | |  | 5 | 3.7 | 7.11.35 | | 5.5 | 6.7 | 4 | 11.42 | 5.21 | 6.49 | morn | | | |
| 12 | Tu | Treaty of Passau, 1552. | | | |  | 5 | 4.7 | 6 morn | | 5.5 | 7.7 | 2 | morn | 5.21 | 6.48 | 0 | | | |
| 13 | We | Battle of Blenheim, 1704. | | | |  | 5 | 5.7 | 4 0.26 | | 5.5 | 8.7 | 1 | 0.33 | 5.22 | 6.47 | 1 | | | |
| 14 | Th | Death of Ad. Farragut, 1870 | | | |  | 5 | 6.7 | 3 1.25 | | 4.5 | 9.7 | 0 | 1.32 | 5.23 | 6.46 | 1.58 | | | |
| 15 | Fri | Assumption. [1777.] | | | |  | 5 | 7.7 | 2 2.31 | | 4.5 | 10.6 | 5.8 | 2.36 | 5.23 | 6.45 | 3 | | | |
| 16 | Sat |  stat. Bat. Bennington. | | | |  | 5 | 8.7 | 0 3.40 | | 4.5 | 11.6 | 5.7 | 3.44 | 5.24 | 6.44 | 4 | | | |
| 33 | 10th Sunday after Trinity. | | | | | | | 13h. 37m. | | | | Day's length, 13h. 18m. | | | | | | | | |
| 17 | Su |  17th. Frederick the | | | |  | 5 | 9.6 | 5.59 | sets | | 4.5 | 12.6 | 5.56 | sets | 5.25 | 6.43 | sets | | |
| 18 | Mo |  ♂ ♂ c. [Great d. 1784.] | | | |  | 5 | 10.6 | 5.57 | 7.39 | | 4.5 | 13.6 | 5.54 | 7 | 8.5 | 5.25 | 6.42 | 7 | |
| 19 | Tu | ♀ greatest brilliancy. | | | |  | 5 | 11.6 | 5.56 | 7 | 4 | | 3.5 | 14.6 | 5.53 | 7.34 | 5.26 | 6.41 | 7.37 | |
| 20 | We |  ♂ ♀ c. ♀ gr. hel. lat. S. | | | |  | 5 | 12.6 | 5.54 | 7.59 | | 3.5 | 15.6 | 5.52 | 8 | 2.5 | 5.27 | 6.40 | 8.10 | |
| 21 | Th | Torture abol. France, 1770. | | | |  | 5 | 13.6 | 5.52 | 8.27 | | 3.5 | 16.6 | 5.50 | 8.31 | 5 | 27.6 | 3.9 | 8.45 | |
| 22 | Fri | c in perigee. ♀ in aph. | | | |  | 5 | 15.6 | 5.51 | 9 | 0 | | 3.5 | 17.6 | 5.48 | 9 | 5.5 | 28.6 | 3.7 | 9.25 |
| 23 | Sat |  ♂ ♂ c. inf. | | | |  | 5 | 16.6 | 5.49 | 9.39 | | 2.5 | 18.6 | 5.47 | 9.45 | 5.29 | 6.36 | 10.10 | 10.10 | |
| 34 | 11th Sunday after Trinity. | | | | | | | 13h. 21m. | | | | Day's length, 13h. 6m. | | | | | | | | |
| 24 | Su |  24th. | | | |  | 5 | 17.6 | 5.48 | 10.27 | | 2.5 | 19.6 | 5.45 | 10.34 | 5.29 | 6.35 | 11 | 2 | |
| 25 | Mo |  Bat. Saragossa, 1710. | | | |  | 5 | 18.6 | 5.46 | 11.25 | | 2.5 | 20.6 | 5.44 | 11.32 | 5.30 | 6.34 | morn | | |
| 26 | Tu | Stamp Act riot, Bost. 1768. | | | |  | 5 | 19.6 | 5.45 | morn | | 2.5 | 21.6 | 5.42 | morn | 5.31 | 6.33 | 0 | 1 | |
| 27 | We | Bat. Long Island, 1776. | | | |  | 5 | 20.6 | 5.43 | 0.31 | | 1.5 | 22.6 | 5.41 | 0.37 | 5.31 | 6.31 | 1 | 1 | |
| 28 | Th |  ♂ ♂ c. Leigh Hunt d, 1859. | | | |  | 5 | 21.6 | 5.41 | 1.41 | | 1.5 | 23.6 | 5.39 | 1.47 | 5.32 | 6.30 | 2 | 10 | |
| 29 | Fri |  Bat. Rhode Island, 1778 | | | |  | 5 | 22.6 | 5.40 | 2.53 | | 1.5 | 24.6 | 5.38 | 2.58 | 5.33 | 6.29 | 3 | 16 | |
| 30 | Sat |  31st. Bunyan d. 1683 | | | |  | 5 | 23.6 | 5.38 | 4 | 4 | | 1.5 | 25.6 | 5.36 | 4 | 7.5 | 3.33 | 6.28 | 4.19 |
| 35 | 12th Sunday after Trinity. | | | | | | | 13h. 4m. | | | | Day's length, 12h. 52m. | | | | | | | | |
| 31 | Su |  8 ♀ c. ♂ ♀ c. 4 gr. brill. | | | |  | 5 | 24.6 | 5.36 | rises. | | 0 | 5.28 | 5.34 | rises. | 5.34 | 6.26 | rises. | | |

JEWISH CALENDAR, 5639.—August 20, Rosh Hodesh Ellul.

Grooves.—The world in the main runs in grooves. Ninety-nine men in every hundred are imitators. "Law," itself, is but a groove established by authority, in which all individual liberty must move, if anarchy is not to take the place of liberty. It is the power to conceive a new groove more efficient than the old one, which measures the originating force of all intelligence.

Religion is the highest moral authority in human society. Said Napoleon Bonaparte, "I see in religion not the mystery of the Incarnation, but the mystery of social order. It connects with Heaven an idea of equality which prevents the massacre of the rich by the poor."

He who creates a public want and fills it shows genius of high order.

9th Month.

SEPTEMBER, 1879.

30 Days.

| MOON'S PHASES. | | | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsylv- ania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi, and Louisiana. | | |
|--------------------------------|-----|-----------------------------------|--------------------|---------------------|---------------|---|--------------|----------------|-------------------------|---|--------------|----------------|---|--------------|----------------|
| D | D | | | | | Sun rises. | Sun sets. | Moon rises. | | Sun rises. | Sun sets. | Moon rises. | Sun rises. | Sun sets. | Moon rises. |
| M | W | Phenomena and Important Events | | | S. | h. m. | h. m. | h. m. | m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| 1 | Mo | ♀ stat. ♀ stat. ☾ ☾. | | | | 5.25 | 6.35 | 6.40 | 05.27 | 6.33 | 6.41 | 5.35 | 6.25 | 6.43 | |
| 2 | Tu | Lovatz cap. by Russians, '77 | | | | 5.26 | 6.33 | 7. 2 | 05.28 | 6.31 | 7. 3 | 5.35 | 6.24 | 7.10 | |
| 3 | We | ♂ ♀. Cromwell d. 1653. | | | | 5.27 | 6.31 | 7.27 | 15.29 | 6.30 | 7.29 | 5.36 | 6.23 | 7.40 | |
| 4 | Th | ♀ gr. hel. lat. S. Thiers d. '77 | | | | 5.28 | 6.30 | 7.49 | 15.30 | 6.28 | 7.53 | 5.37 | 6.21 | 8. 9 | |
| 5 | Fri | Russ. defeat on the Lom, '77 | | | | 5.29 | 6.28 | 8.17 | 15.31 | 6.26 | 8.22 | 5.37 | 6.20 | 8.42 | |
| 6 | Sat | ♂ ♀. ☾ in apogee. | | | | 5.30 | 6.26 | 8.50 | 25.32 | 6.25 | 8.56 | 5.38 | 6.19 | 9.20 | |
| 36) 13th Sunday after Trinity. | | | | | | 12h. 47m. | | | Day's length, 12h. 38m. | | | | | | |
| 7 | Su | ☾ ☾. Atlantic Cable laid, '65 | | | | 5.31 | 6.24 | 9.29 | 25.33 | 6.23 | 9.36 | 5.39 | 6.17 | 10. 3 | |
| 8 | Mo | ♂ ☾. Boston set. 1630. | | | | 5.33 | 6.23 | 10.16 | 25.34 | 6.21 | 10.23 | 5.39 | 6.16 | 10.51 | |
| 9 | Tu | ♀ gr. elong. W. | | | | 5.34 | 6.21 | 11.11 | 35.35 | 6.20 | 11.18 | 5.40 | 6.15 | 11.45 | |
| 10 | We | Turk. gar. of Niesics sur. '77 | | | | 5.35 | 6.19 | morn | 35.36 | 6.18 | morn | 5.40 | 6.13 | morn | |
| 11 | Th | Battle of Brandywine, 1777. | | | | 5.36 | 6.17 | 0.13 | 35.37 | 6.16 | 0.19 | 5.41 | 6.12 | 0.43 | |
| 12 | Fri | ♀ in perihel. | | | | 5.37 | 6.16 | 1.20 | 45.38 | 6.15 | 1.25 | 5.42 | 6.11 | 1.45 | |
| 13 | Sat | Bat. S. Mountain Gap, '62. | | | | 5.38 | 6.14 | 2.29 | 45.39 | 6.13 | 2.33 | 5.42 | 6. 9 | 2.49 | |
| 37) 14th Sunday after Trinity. | | | | | | 12h. 30m. | | | Day's length, 12h. 25m. | | | | | | |
| 14 | Su | ♂ ♀. ♀ gr. hel. lat. S. | | | | 5.39 | 6.12 | 3.41 | 45.40 | 6.11 | 3.44 | 5.43 | 6. 8 | 3.54 | |
| 15 | Mo | ♂ ☾. Rebs take Harper's | | | | 5.40 | 6.10 | sets | 55.41 | 6.10 | sets | 5.43 | 6. 6 | sets | |
| 16 | Tu | ♂ ☾. 16th. ♂ ♀ ☾. [Ferry, '62 | | | | 5.41 | 6. 8 | 6. 0 | 55.42 | 6. 8 | 6. 25 | 5.46 | 6. 5 | 6. 8 | |
| 17 | We | Bat. Antietam, 1862. | | | | 5.42 | 6. 7 | 6.29 | 65.43 | 6. 6 | 6.31 | 5.45 | 6. 4 | 6.44 | |
| 18 | Th | ☾ in perigee. Delhi taken, | | | | 5.43 | 6. 5 | 7. 0 | 65.44 | 6. 4 | 7. 55 | 5.46 | 6. 3 | 7.23 | |
| 19 | Fri | Sheridan's Ride, 1864. '57. | | | | 5.44 | 6. 3 | 7.38 | 65.45 | 6. 3 | 7.44 | 5.46 | 6. 1 | 8. 7 | |
| 20 | Sat | Bat. Chickamauga, 1863. | | | | 5.45 | 6. 1 | 8.24 | 75.46 | 6. 1 | 8.31 | 5.47 | 6. 0 | 8. 9 | |
| 38) 15th Sunday after Trinity. | | | | | | 12h. 12m. | | | Day's length, 12h. 10m. | | | | | | |
| 21 | Su | St. Matthew. | | | | 5.46 | 6. 0 | 9.20 | 75.47 | 5.59 | 9.27 | 5.48 | 5.58 | 9.56 | |
| 22 | Mo | ♂ ☾. 23d. Vinegar Bitters. | | | | 5.47 | 5.58 | 10.24 | 75.48 | 5.58 | 10.31 | 5.48 | 5.57 | 10.58 | |
| 23 | Tu | ♂ ☾ ☾ inf. Autumn. | | | | 5.49 | 5.56 | 11.33 | 85.49 | 5.56 | 11.39 | 5.49 | 5.56 | morn | |
| 24 | We | Bat. Monterey, 1843. | | | | 5.50 | 5.54 | morn | 85.50 | 5.54 | morn | 5.50 | 5.54 | 0. 3 | |
| 25 | Th | Japanese Rebel. ends, 1877. | | | | 5.51 | 5.53 | 0.44 | 85.51 | 5.53 | 0.49 | 5.50 | 5.53 | 1. 8 | |
| 26 | Fri | ♂ ☾ ☾. | | | | 5.52 | 5.51 | 1.53 | 95.52 | 5.51 | 1.57 | 5.51 | 5.52 | 2.11 | |
| 27 | Sat | ♂ ♀. Strasbourg sur. '70. | | | | 5.53 | 5.49 | 3. 1 | 95.53 | 5.49 | 3. 3 | 5.52 | 5.50 | 3.12 | |
| 39) 16th Sunday after Trinity. | | | | | | 11h. 55m. | | | Day's length, 11h. 57m. | | | | | | |
| 28 | Su | ☾ ☾. Bat. Marathon, 490 B.C. | | | | 5.54 | 5.47 | 4. 6 | 95.54 | 5.48 | 4. 7 | 5.52 | 5.49 | 4.11 | |
| 29 | Mo | Michaelmas. | | | | 5.55 | 5.45 | rises. | 105.55 | 5.46 | rises. | 5.53 | 5.48 | rises. | |
| 30 | Tu | ♂ ☾. 30th. ♂ ♀ ☾. | | | | 5.56 | 5.44 | 5.28 | 105.56 | 5.44 | 5.31 | 5.54 | 5.46 | 5.40 | |

JEWISH CALENDAR, 5639.—September 14, Com. of Propitiatory Prayers.
17, New Year's Eve, 5640. 28, Rosh Hodesh Tishri.

**Capacity of Cisterns in gallons for each
 10 inches in depth:**





| Diameter. | Capacity. | Diameter. | Capacity. |
|-----------|-----------|-----------|-----------|
| 5..... | 122 | 12..... | 705 |
| 6..... | 176 | 13..... | 827 |
| 7..... | 239 | 14..... | 959 |
| 8..... | 313 | 15..... | 1101 |
| 9..... | 396 | 20..... | 1958 |
| 10..... | 489 | 25..... | 3059 |
| 11..... | 592 | 30..... | 4406 |

In twenty-four hours the respiration of an adult person produces 10.7 cubic feet of carbonic acid gas, and removes exactly the same amount of oxygen. The amount of air required by each person is from three to four cubic feet per minute. One burning candle in a room will destroy as much oxygen as a man. Now the importance of ventilation can be understood, for impure air taken into the lungs is a fruitful source of disease.

10th Month.

OCTOBER, 1879.

31 Days.

| MOON'S PHASES. | | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, NewEng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi, and Louisiana. | | | |
|----------------|-----|-----------------------------------|---------|--------------------|---------------------|---|--|--------------|----------------|-----------|---|--------------|----------------|---|--------------|--------------|----------------|
| Third Quarter | 8 | 8 47 m. | 8 23 m. | | | | | | | | | | | | | | |
| New Moon... | 15 | 10 13 m. | 9 49 m. | | | | | | | | | | | | | | |
| First Quarter. | 22 | 1 23 m. | 0 59 m. | | | | | | | | | | | | | | |
| Full Moon... | 29 | 9 13 e. | 8 49 e. | | | | | | | | | | | | | | |
| D | D | Phenomena and Important Events | | | | S. | Sun rises | Sun sets. | Moon rises. | m. | Sun rises | Sun sets. | Moon rises. | h. | Sun rises | Sun sets. | Moon rises. |
| M | W | | | | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. |
| 1 | We | Fulton's Steanb't trip, 1807. | | | |  | 5.57 | 5.42 | 5.52 | 10 | 5.57 | 5.43 | 5.56 | 5.54 | 5.46 | 6.10 | |
| 2 | Th | Russian defeat at Kars, '77. | | | |  | 5.58 | 5.40 | 6.19 | 11 | 5.58 | 5.41 | 6.24 | 5.55 | 5.45 | 6.43 | |
| 3 | Fri | Fall of Limerick, 1691. | | | |  | 6. 0 | 5.39 | 6.51 | 11 | 5.59 | 5.39 | 6.56 | 5.56 | 5.43 | 7.19 | |
| 4 | Sat | ♂♂♂. ♄ in apogee. | | | |  | 6. 1 | 5.37 | 7.23 | 11 | 6. 0 | 5.38 | 7.34 | 5.56 | 5.41 | 8. 0 | |

40) 17th Sunday after Trinity.

11h. 37m.

Day's length, 11h. 43m.

| | | | | | | | | | | | | | | |
|----|-----|--------------------------|--|--|--|------|------|-------|------|-------|-------|------|------|-------|
| 5 | Su | ♂h♂. ♂♂♂sup. h bright t | | | | 6. 2 | 5.35 | 8.11 | 12.6 | 1.536 | 8.18 | 5.57 | 5.40 | 8.45 |
| 6 | Mo | Jenny Lind born, 1820. | | | | 6. 3 | 5.33 | 9. 2 | 12.6 | 2.534 | 9. 9 | 5.58 | 5.39 | 9.36 |
| 7 | Tu | Ves. Florida cap., 1864. | | | | 6. 4 | 5.32 | 10. 0 | 12.6 | 3.533 | 10. 6 | 5.58 | 5.37 | 10.31 |
| 8 | We | ♂8th. ♂ r. 7.36 A. | | | | 6. 5 | 5.30 | 11. 3 | 12.6 | 4.531 | 11. 9 | 5.59 | 5.36 | 11.30 |
| 9 | Th | Great Chicago Fire '71. | | | | 6. 6 | 5.28 | morn | 13.6 | 5.530 | morn | 6. 0 | 5.35 | morn |
| 10 | Fri | W. H. Seward died, 1872. | | | | 6. 7 | 5.27 | 0. 9 | 13.6 | 6.528 | 0.14 | 6. 1 | 5.33 | 0.31 |
| 11 | Sat | Try Vinegar Bitters. | | | | 6. 8 | 5.25 | 1.18 | 13.6 | 7.526 | 1.22 | 6. 1 | 5.32 | 1.34 |

41) 18th Sunday after Trinity.

11h. 20m.

Day's length, 11h. 29m.

| | | | | | | | | | | | | | | |
|----|-----|------------------------------|--|--|--|------|------|------|------|--------|------|------|------|------|
| 12 | Sa | Fisheries Commission 1877. | | | | 6. 9 | 5.24 | 2.29 | 13.6 | 8.525 | 2.31 | 6. 2 | 5.31 | 2.38 |
| 13 | Mo | ♂♀♂. N.Y. Banks susp. '57 | | | | 6.11 | 5.22 | 3.42 | 14.6 | 9.523 | 3.43 | 6. 3 | 5.30 | 3.44 |
| 14 | Tu | Wm. Penn born, 1644. | | | | 6.12 | 5.20 | 4.58 | 14.6 | 10.522 | 4.57 | 6. 4 | 5.29 | 4.52 |
| 15 | We | ♂15th. Panic of '57. | | | | 6.13 | 5.19 | sets | 14.6 | 12.520 | sets | 6. 4 | 5.27 | sets |
| 16 | Th | ♂♂♂. ♄ in perigee. | | | | 6.14 | 5.17 | 5.33 | 14.6 | 13.519 | 5.38 | 6. 5 | 5.26 | 5.59 |
| 17 | Fri | Surrend. of Burgoyne, 1777. | | | | 6.16 | 5.15 | 6.17 | 15.6 | 14.517 | 6.23 | 6. 6 | 5.25 | 6.49 |
| 18 | Sat | ♂ r. 4.47 A. St. Luke, Evan. | | | | 6.17 | 5.14 | 7.11 | 15.6 | 15.516 | 7.19 | 6. 7 | 5.24 | 7.46 |

42) 19th Sunday after Trinity.

11h. 2m.

Day's length, 11h. 15m.

| | | | | | | | | | | | | | | |
|----|-----|----------------------------|--|--|--|------|------|-------|------|---------|-------|------|------|-------|
| 19 | Su | French evac. Moscow '12. ♄ | | | | 6.18 | 5.12 | 8.14 | 15.6 | 16.514 | 8.21 | 6. 7 | 5.22 | 8.49 |
| 20 | Mo | Battle Navarino, 1827. | | | | 6.19 | 5.11 | 9.24 | 15.6 | 17.513 | 9.30 | 6. 8 | 5.21 | 9.55 |
| 21 | Tu | Lord Nelson died, 1805. | | | | 6.20 | 5. 9 | 10.35 | 15.6 | 18.511 | 10.40 | 6. 9 | 5.20 | 11. 1 |
| 22 | We | ♂22d. Rich. III. b. 1450 | | | | 6.21 | 5. 8 | 11.46 | 15.6 | 19.510 | 11.50 | 6.10 | 5.19 | morn |
| 23 | Th | Irish Rebellion, 1641. | | | | 6.23 | 5. 6 | morn | 16.6 | 20.5. 9 | morn | 6.11 | 5.18 | 0. 5 |
| 24 | Fri | ♂♂♂. Webster died, 1852. | | | | 6.24 | 5. 5 | 0.53 | 16.6 | 21.5. 7 | 0.56 | 6.11 | 5.17 | 1. 7 |
| 25 | Sat | Macedonian captured, 1812 | | | | 6.25 | 5. 3 | 1.59 | 16.6 | 22.5. 6 | 2. 0 | 6.12 | 5.16 | 2. 6 |

43) 20th Sunday after Trinity.

10h. 46m.

Day's length, 11h. 2m.

| | | | | | | | | | | | | | | |
|----|-----|--------------------------|--|--|--|------|------|--------|------|---------|--------|------|------|--------|
| 26 | Su | Hogarth died, 1765. | | | | 6.26 | 5. 2 | 3. 2 | 16.6 | 24.5. 4 | 3. 3 | 6.13 | 5.15 | 3. 3 |
| 27 | Mo | Brutus died, 42 B. C. | | | | 6.28 | 5. 0 | 4. 5 | 16.6 | 25.5. 3 | 4. 4 | 6.14 | 5.14 | 3.59 |
| 28 | Tu | ♂h♂. ♀ stat. St. Simon | | | | 6.29 | 4.59 | 5. 7 | 16.6 | 26.5. 2 | 5. 5 | 6.15 | 5.13 | 4.55 |
| 29 | We | ♂29th. Sur. of Metz, '70 | | | | 6.30 | 4.58 | rises. | 16.6 | 27.5. 0 | rises. | 6.16 | 5.12 | rises. |
| 30 | Th | ♂♀ at great brilliancy | | | | 6.31 | 4.56 | 4.52 | 16.6 | 28.4.59 | 4.58 | 6.16 | 5.11 | 5.19 |
| 31 | Fri | ♂♂♂. ♄ in apogee. | | | | 6.33 | 4.55 | 5.27 | 16.6 | 30.4.58 | 5.34 | 6.17 | 5.10 | 5.58 |

JEWISH CALENDAR, 5640.—October 28, Rosh Hodesh Meshvan.

Inflamed Throat.—(To the family physician)
—“Doctor, I wish you would look down my throat and tell me what you see.” “Well, it is fearfully inflamed, Mr. Gordon, and I should think it would be; for I see a four-hundred acre farm down there, with horses, and cows, and plows, and a threshing machine, besides a house and lot in town. Bad case! bad case! I recommend VINEGAR BITTERS, and that you begin again.”

Charity.—“He gives twice who gives quickly.”—Roman proverb.

Boys, try this!—A and B buy 100 acres of land together at \$5 per acre, and pay equal sums of money. A says to B: “Give me my choice, and we will divide the land so that when divided my part will cost me 75 cents per acre more than yours.” How many acres had each man, and what did it cost them per acre? Prove it.

In the combustion of a common lamp a straight or horizontally cut wick will give great economy in oil and produce a much better light.

| MOON'S PHASES. | | D. | New York. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|----------------|----------------------|---------|-----------------|---------------------|---------------|---|-------|--------|-----------|---|-------|--------|--|-------|--------|
| Third Quarter | 7 | 0 50 m. | 0 35 m. | | | Sun | Sun | Moon | | Sun | Sun | Moon | Sun | Sun | Moon |
| New Moon | 13 | 7 43 e. | 7 19 e. | | | rises | sets. | rises. | | rises | sets. | rises. | rises | sets. | rises. |
| First Quarter | 20 | 1 53 e. | 1 29 e. | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon | 28 | 4 1 e. | 3 27 e. | | | S. | | | | | | | | | |
| D D | Phenomena | | | | | | | | | | | | | | |
| M W | and Important Events | | | | | | | | | | | | | | |
| 1 Sat | All Saints' Day. | | | | | 6.34 | 4.54 | 6.10 | 16 | 6.31 | 4.57 | 6.16 | 6.18 | 5.9 | 6.42 |

44) 21st Sunday after Trinity. 10h. 30m. Day's length, 10h. 50m.

| | | | | | | | | | | | | |
|-------|-----------------------------|--|------|------|------|----|------|------|-------|------|-----|-------|
| 2 Su | All Souls' Day. | | 6.35 | 4.52 | 6.57 | 16 | 6.32 | 4.56 | 7.46 | 19 | 5.9 | 7.31 |
| 3 Mo | 8 ♀ ☉. Paris famine, 1871. | | 6.36 | 4.51 | 7.47 | 16 | 6.33 | 4.54 | 7.59 | 6.20 | 5.8 | 8.25 |
| 4 Tu | Earthquakes in N.E. & N.Y. | | 6.37 | 4.50 | 8.53 | 16 | 6.34 | 4.53 | 8.58 | 6.21 | 5.7 | 9.21 |
| 5 We | Bat. Inkermann, 1854. [1877 | | 6.39 | 4.49 | 9.56 | 16 | 6.35 | 4.52 | 10.16 | 6.22 | 5.6 | 10.22 |
| 6 Th | Bat. Port Royal, 1861. | | 6.40 | 4.48 | 11.2 | 16 | 6.37 | 4.51 | 11.66 | 6.23 | 5.5 | 11.20 |
| 7 Fri | 7th. Bat. Tippecanoe. | | 6.41 | 4.46 | morn | 16 | 6.38 | 4.50 | morn | 6.23 | 5.4 | morn |
| 8 Sat | ☾ Milton d. 1674. [1811. | | 6.43 | 4.45 | 0.10 | 16 | 6.39 | 4.49 | 0.12 | 6.24 | 5.4 | 0.22 |

45) 22d Sunday after Trinity. 10h. 15m. Day's length, 10h. 38m.

| | | | | | | | | | | | | |
|--------|---------------------------|--|------|------|------|----|------|------|------|------|------|------|
| 9 Su | ♀ ☉. ♂ ☉. ☾ ☉. | | 6.44 | 4.44 | 1.19 | 16 | 6.40 | 4.48 | 1.20 | 6.25 | 5.3 | 1.24 |
| 10 Mo | ♂ ☉. Jacobins ban. 1794. | | 5.45 | 4.43 | 2.31 | 16 | 6.41 | 4.47 | 2.31 | 6.26 | 5.2 | 2.29 |
| 11 Tu | Martin Luther born, 1483. | | 6.46 | 4.42 | 3.46 | 16 | 6.43 | 4.46 | 3.44 | 6.27 | 5.2 | 3.37 |
| 12 We | ♂ ☉. ♂ gr. brill. | | 6.48 | 4.41 | 5.4 | 16 | 6.44 | 4.45 | 5.16 | 6.28 | 5.1 | 4.48 |
| 13 Th | 13th. ☾ in perigee. | | 6.50 | 4.40 | sets | 16 | 6.45 | 4.44 | sets | 6.29 | 5.0 | sets |
| 14 Fri | ☾ Mozart b. 1719. | | 6.51 | 4.39 | 4.55 | 15 | 6.46 | 4.43 | 5.16 | 6.30 | 5.0 | 5.28 |
| 15 Sat | ♂ ☉. Motley d. 1877. | | 6.53 | 4.38 | 5.56 | 15 | 6.47 | 4.42 | 6.36 | 6.31 | 4.59 | 6.30 |

46) 23d Sunday after Trinity. 10h. 1m. Day's length, 10h. 27m.

| | | | | | | | | | | | | |
|--------|-----------------------------|--|------|------|-------|----|------|------|-------|------|------|-------|
| 16 Su | ♂ gr. hel. lat. S. | | 6.54 | 4.37 | 7.4 | 15 | 6.48 | 4.41 | 7.12 | 6.31 | 4.58 | 7.38 |
| 17 Mo | Mary of England d. 1553. | | 6.55 | 4.37 | 8.19 | 15 | 6.50 | 4.41 | 8.25 | 6.32 | 4.58 | 8.47 |
| 18 Tu | Kars taken by Russians, '77 | | 6.56 | 4.35 | 9.33 | 15 | 6.51 | 4.40 | 9.37 | 6.33 | 4.57 | 9.55 |
| 19 We | John Jay's treaty, 1794. | | 6.57 | 4.34 | 10.44 | 14 | 6.52 | 4.39 | 10.46 | 6.34 | 4.57 | 10.59 |
| 20 Th | ☾ 20th. ♂ gr. elong. E. | | 6.58 | 4.34 | 11.51 | 14 | 6.53 | 4.39 | 11.53 | 6.35 | 4.57 | 11.59 |
| 21 Fri | ☾ 21st. ☾ ☉. | | 7.04 | 4.33 | morn | 14 | 6.54 | 4.38 | morn | 6.36 | 4.56 | morn |
| 22 Sat | St. Cecilia. | | 7.14 | 4.32 | 0.56 | 14 | 6.55 | 4.37 | 0.56 | 6.37 | 4.56 | 0.58 |

47) 24th Sunday after Trinity. 9h. 49m. Day's length, 10h. 17m.

| | | | | | | | | | | | | |
|--------|----------------------------|--|------|------|--------|----|------|------|--------|------|------|--------|
| 23 Su | F. Pierce born, 1804. | | 7.24 | 4.32 | 1.58 | 13 | 6.56 | 4.37 | 1.57 | 6.38 | 4.55 | 1.54 |
| 24 Mo | ♂ ☉. Bat. Lookout Mtn. '63 | | 7.34 | 4.31 | 3.0 | 13 | 6.58 | 4.36 | 2.58 | 6.39 | 4.55 | 2.50 |
| 25 Tu | British evac. N. Y. 1783. | | 7.54 | 4.30 | 4.1 | 13 | 6.59 | 4.36 | 3.59 | 6.40 | 4.55 | 3.46 |
| 26 We | ☾ 26th. ♂ ☉. [inven. 1814. | | 7.64 | 4.30 | 5.3 | 13 | 7.0 | 4.35 | 4.59 | 6.41 | 4.55 | 4.42 |
| 27 Th | ☾ in apogee. Steam Print. | | 7.74 | 4.30 | 6.4 | 12 | 7.14 | 4.35 | 5.59 | 6.41 | 4.54 | 5.39 |
| 28 Fri | ☾ 28th. W. Irving d. '59 | | 7.84 | 4.29 | rises. | 12 | 7.24 | 4.34 | rises. | 6.42 | 4.54 | rises. |
| 29 Sat | ☾ Vinegar Bitters. | | 7.94 | 4.29 | 4.54 | 12 | 7.34 | 4.34 | 5.16 | 6.43 | 4.54 | 5.27 |

48) 1st Sunday in Advent. 9h. 40m. Day's length, 10h. 10m.

| | | | | | | | | | | | | |
|-------|---------------------|--|------|------|------|----|------|------|------|------|------|------|
| 30 Su | ♂ stat. St. Andrew. | | 7.10 | 4.29 | 5.47 | 11 | 7.44 | 4.34 | 5.54 | 6.44 | 4.54 | 6.20 |
|-------|---------------------|--|------|------|------|----|------|------|------|------|------|------|

JEWISH CALENDAR, 5640.—November 27, Rosh Hodesh Kislev.

The number of plants or trees that can be set on an acre of land:

| Feet Apart. | Num-ber. | Feet Apart. | Num-ber. |
|-------------|----------|-------------|----------|
| 1 | 43,568 | 25 | 69 |
| 5 | 1,742 | 30 | 48 |
| 10 | 425 | 35 | 35 |
| 15 | 193 | 40 | 27 |
| 20 | 108 | | |

The volume of water in rivers shows the amount of rain-fall along their course. Where evaporation exceeds the rain-fall there are deserts.

Angry Words.

Poison drops of care and sorrow,
Bitter poison drops are they,
Weaving for the coming morrow
Sad memorials of to-day.

12th Month.

DECEMBER, 1879.

31 Days.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi, and Louisiana. | | |
|----------------|----------|---------------|--------------------|---------------------|---------------|---|--------------|----------------|-----------|---|--------------|----------------|---|--------------|----------------|
| Third Quarter | New Moon | First Quarter | Full Moon | | | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. | Sun rises | Sun sets. | Moon rises. |
| 6 | 2 47 e. | 2 23 e. | 13 6 8 m. | 5 45 m. | | 7.10 | 4.29 | 6.46 | 11 7. | 5.43 | 3.33 | 6.52 | 6.45 | 4.54 | 7.16 |
| 20 | 6 19 m. | 5 55 m. | 28 11 19 m. | 10 55 m. | | 7.11 | 4.28 | 7.49 | 10 7. | 6.43 | 3.33 | 7.54 | 6.46 | 4.54 | 8.14 |
| 28 | 11 19 m. | 10 55 m. | | | | 7.12 | 4.28 | 8.53 | 10 7. | 7.43 | 3.33 | 8.57 | 6.47 | 4.54 | 9.13 |
| | | | | | | 7.13 | 4.28 | 9.59 | 10 7. | 8.43 | 3.33 | 10. 26 | 6.47 | 4.54 | 10.13 |
| | | | | | | 7.14 | 4.28 | 11. 5 | 9 7. | 9.43 | 3.33 | 11. 7 | 6.48 | 4.54 | 11.13 |
| | | | | | | 7.15 | 4.27 | morn | 9 7. | 10.43 | 3.33 | morn | 6.49 | 4.54 | morn |

49) 2d Sunday in Advent. 9h. 32m. Day's length, 10h. 4m.

| D | D | Phenomena | | S. | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. |
|---|-----|-----------------------------|--|----|--------------|--------------|----------------|-------|--------------|--------------|----------------|------|--------------|--------------|----------------|
| M | W | and Important Events | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. |
| 1 | Mo | ☐ 41 ☉. John Brown ex. '59. | | | 7.10 | 4.29 | 6.46 | 11 7. | 5.43 | 3.33 | 6.52 | 6.45 | 4.54 | 7.16 | |
| 2 | Tu | Battle Austerlitz, 1805. | | | 7.11 | 4.28 | 7.49 | 10 7. | 6.43 | 3.33 | 7.54 | 6.46 | 4.54 | 8.14 | |
| 3 | We | Bat. of Hohenlinden, 1800. | | | 7.12 | 4.28 | 8.53 | 10 7. | 7.43 | 3.33 | 8.57 | 6.47 | 4.54 | 9.13 | |
| 4 | Th | ♀ greatest elongation W. | | | 7.13 | 4.28 | 9.59 | 10 7. | 8.43 | 3.33 | 10. 26 | 6.47 | 4.54 | 10.13 | |
| 5 | Fri | ☾ ♄. Mozart d. 1792. | | | 7.14 | 4.28 | 11. 5 | 9 7. | 9.43 | 3.33 | 11. 7 | 6.48 | 4.54 | 11.13 | |
| 6 | Sat | ☾ 6th. St. Nicholas. | | | 7.15 | 4.27 | morn | 9 7. | 10.43 | 3.33 | morn | 6.49 | 4.54 | morn | |

50) 3d Sunday in Advent. 9h. 28m. Day's length, 10h. 1m.

| D | D | Phenomena | | S. | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. |
|----|-----|------------------------------|--|----|--------------|--------------|----------------|------|--------------|--------------|----------------|------|--------------|--------------|----------------|
| M | W | and Important Events | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. |
| 7 | Su | ♄ ♃. Marshal Ney shot, '15. | | | 7.16 | 4.27 | 0.14 | 8 7. | 11.43 | 3.33 | 0.14 | 6.50 | 4.54 | 0.14 | |
| 8 | Mo | Wash. retreat ac. Del. 1776. | | | 7.17 | 4.27 | 1.24 | 8 7. | 12.43 | 3.33 | 1.23 | 6.51 | 4.54 | 1.18 | |
| 9 | Tu | ♄ in perihel. Embargo '08. | | | 7.18 | 4.27 | 2.38 | 7 7. | 13.43 | 3.33 | 2.36 | 6.51 | 4.54 | 2.25 | |
| 10 | We | ♄ ♄. ♄ ♄ inf. | | | 7.19 | 4.27 | 3.55 | 7 7. | 14.43 | 3.33 | 3.51 | 6.52 | 4.54 | 3.35 | |
| 11 | Th | Fredericksburg bom. 1862. | | | 7.20 | 4.27 | 5.14 | 7 7. | 14.43 | 3.33 | 5. 9 | 6.53 | 4.55 | 4.48 | |
| 12 | Fri | ♄ ♄. ♄ in perigee. | | | 7.20 | 4.28 | sets | 6 7. | 15.43 | 3.33 | sets | 6.53 | 4.56 | sets | |
| 13 | Sat | 13th. ♄ s. 4.13 M. ☾ | | | 7.21 | 4.28 | 4.39 | 6 7. | 16.43 | 3.33 | 4.45 | 6.54 | 4.56 | 5.13 | |

51) 4th Sunday in Advent. 9h. 26m. Day's length, 9h. 59m.

| D | D | Phenomena | | S. | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. |
|----|-----|-------------------------------|--|----|--------------|--------------|----------------|------|--------------|--------------|----------------|------|--------------|--------------|----------------|
| M | W | and Important Events | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. |
| 14 | Su | ♄ stat. ♄ stat. | | | 7.22 | 4.28 | 5.53 | 5 7. | 17.43 | 3.33 | 5.58 | 6.55 | 4.56 | 6.23 | |
| 15 | Mo | Boston Tea Party, 1773. | | | 7.23 | 4.28 | 7. 9 | 5 7. | 17.43 | 3.34 | 7.14 | 6.55 | 4.56 | 7.34 | |
| 16 | Tu | ♄ stat. Great N.Y. Fire, '35. | | | 7.24 | 4.29 | 8.24 | 4 7. | 18.43 | 3.34 | 8.28 | 6.56 | 4.56 | 8.42 | |
| 17 | We | Wood Engraving dis. 1460. | | | 7.24 | 4.29 | 9.36 | 4 7. | 19.43 | 3.34 | 9.38 | 6.57 | 4.57 | 9.47 | |
| 18 | Th | ♄ ♄. Vinegar Bitters. | | | 7.25 | 4.29 | 10.43 | 3 7. | 19.43 | 3.35 | 10.44 | 6.57 | 4.57 | 10.48 | |
| 19 | Fri | ♄ gr. hel. lat. N. ☾ ♄ | | | 7.25 | 4.30 | 11.48 | 3 7. | 20.43 | 3.35 | 11.47 | 6.58 | 4.57 | 11.46 | |
| 20 | Sat | 20th. Pilgrims 1. 1620 | | | 7.26 | 4.30 | morn | 2 7. | 20.43 | 3.35 | morn | 6.58 | 4.58 | morn | |

52) 1st Sunday after Christmas. 9h. 27m. Day's length, 10h. 0m.

| D | D | Phenomena | | S. | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. | | Sun rises | Sun sets. | Moon rises. |
|----|----|-----------------------------|--|----|--------------|--------------|----------------|------|--------------|--------------|----------------|--------|--------------|--------------|----------------|
| M | W | and Important Events | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. |
| 28 | Su | 28th. ♄ gr. elong. W. | | | 7.29 | 4.35 | 4.39 | 2 7. | 24.44 | 3.40 | 4.45 | 7. 25. | 2. 5.10 | | |
| 29 | Mo | Gladstone b. 1809. | | | 7.29 | 4.36 | 5.41 | 2 7. | 24.44 | 3.41 | 5.46 | 7. 25. | 3. 6. 8 | | |
| 30 | Tu | Specie payment stopped, '61 | | | 7.30 | 4.36 | 6.46 | 3 7. | 24.42 | 3.42 | 6.50 | 7. 35. | 3. 7. 7 | | |
| 31 | We | ☐ ♄. ☐ nearest ☉. | | | 7.30 | 4.37 | 7.51 | 3 7. | 24.43 | 3.43 | 7.55 | 7. 35. | 4. 8. 7 | | |

JEWISH CALENDAR, 5640.—December 27, Rosh Hodesh Tebeth.

One hundred pounds of flour yield one hundred and thirty pounds of bread.

At forty-seven feet below the surface the temperature is uniform throughout the year.

That mercy I to others show, that mercy show to me.

If the laws of generation were as well understood as they should be, there would be less need of regeneration.

Physic is best given on an empty stomach.

What a beautiful idea of a child was it, when he said that he thought the stars were gimlet holes to let the glory through.

While it was thundering little May looked up and said: "I reckon Dodd is pounding on the door to make the people behave."

Shipwrecks are the signals of safety.

THE BODY AND THE BLOOD.

"FOR the life of all flesh is in the blood thereof."—*Holy Writ.*

As a product of inventive skill of the highest order, the human body challenges our profound admiration.

As a machine designed to accomplish certain ends, it exhibits the skill of infinite wisdom; and we say, God made it. But He gave it to a man to occupy for a time as his habitation and his home, and to use at his will for purposes of convenience and business and pleasure. Through its avenues he acquires all his knowledge, and by its aid he applies this knowledge to valuable account. It would seem that the possessor of such a machine would use it wisely, and would take infinite pains in its preservation. But how sadly do we see it overtaxed and abused in all its parts and functions, until it is worn out, wrecked, cast aside and buried out of sight!

This beautiful machine, so perfect in all its parts, so delicate in all its functions, so nicely adjusted by its Creator to add to the comfort of the man within, has been provided with the means for its preservation in working order; and physiologists say that it ought to last at least a century. This body is constantly undergoing waste, and is as constantly being repaired.

The special reparative agent is the *blood*. It is both the feeder and scavenger of the body. Out of the great variety of food taken into the stomach, the blood carries to every part of the body, and deposits wherever needed, the constituents of brain and bone and sinew and muscle and nail and tissue and hair.

On its return it gathers up all the effete and worn-out matters of the system, and they are cast out.

The functions of an agent of such importance should be thoroughly understood by all. The secret of health is in having *pure blood*. When fed by generous aliment it is indeed a river of life to the whole body, sending bloom to the cheek, brightness to the eye, and vigor to the brain; but when its channels are loaded with poisons, it is equally the distributor of disease and death.

A well-preserved *old man* is a rare sight; still there are such, and he is seen to be admired. His cheek is painted with the ruddy blush of the rose; his eye glistens with vivacity; his step is elastic; his voice cheery; his brain clear; his judgment good; and as he goes fresh from his morning bath to his desk in his office, he is a dangerous competitor in business, and at eighty he has the vigor of boyhood. The opposite of this picture is oftener seen in a *young man* at thirty already broken down and wrecked in body and mind; his blood poisoned with villainous drinks; the lustre fled from his eye; his step enfeebled; all the ambitions of life already faded out; his body debased; life a failure in its early prime, and he ready for the grave. When will our young men learn that their constitutions are not made of cast-iron, to be abused at will and without thought? Young man, choose your model!

AGUE

IS an intermittent, malarial fever, and usually prevails in marshy districts and in rich valleys where there is an exuberant vegetation. It is supposed to arise from a minute vegetable organism taken into the system by inhalation. Here it germinates, and unless expelled it pervades and vitiates the blood, and malarial fever ensues. It is characterized by a succession of cold, hot, and sweating stages, and it is attended with violent headache, thirst and languor.

These paroxysms occur at definite intervals, usually every alternate day, but often at longer or shorter intermissions. This disease is essentially a blood poison, for which VINEGAR BITTERS is a *certain specific*; for ague is a stranger where the blood is pure. In malarial districts VINEGAR BITTERS should be always at hand, and should be taken with regularity during the summer and fall, or whenever the first symptoms of ague appear. Ague need not be feared. VINEGAR BITTERS cleanses the blood, gives tone to the system, stimulates the liver, and is a *radical cure* for ague.

ASTHMA

IS an affection of the lungs attended by great difficulty of breathing, which comes in paroxysms.

Asthma is more distressing than dangerous. The spasm is often induced by fumes of smoke, the smell of new hay, &c., &c., but behind these there is a constitutional predisposition. The attack may be sudden and short or may be protracted. It is important to observe prudence in diet and regimen. To prevent a return of the spasm use VINEGAR BITTERS to keep the bowels open and regular, and always keep the sleeping apartments well ventilated.

BOILS

THESE originate in an impoverished or disordered state of the blood.

Treatment: *Cleanse the blood* and open the bowels freely, and keep them so by a gentle laxative. For this purpose VINEGAR BITTERS is admirably adapted, as it neutralizes the depraved element in the blood and restores its purity. The cure is speedy and permanent. The diet should be plain and simple, but generous; and avoid stimulants. The boil itself should be treated with linseed-meal poultices.

Notice to Loafers.—Mebbe you don't petter had loaf round here ven you don't got some peesness. Ain't it?

The average weight of 20,000 men weighed in Boston was found to be 141½ lbs; of women, 124½.

An old lady, troubled with rheumatism, was asked if she had tried electricity. "Yes," she said, "I was struck by lightning a year ago, but it didn't do me a single morsel of good."

BRONCHITIS

IS akin to consumption. It is an inflammation of the air passages to the lungs. "Catching cold" and neglecting it is the most frequent cause. In severe cases the patient breathes with difficulty, and can scarcely inhale sufficient air to live. First strive to reduce the inflammation. To effect this, use VINEGAR BITTERS early and regularly. This preparation is anti-inflammatory, while it invigorates the patient with *fresh, pure blood*.

Treatment: Apply a mustard poultice to the breast; bathe the feet in *hot water* with a little mustard in it; give warm mucilaginous drinks; keep from the cold air; keep the throat and chest well protected, and use VINEGAR BITTERS faithfully until health returns through the pure condition of the blood. Chronic Bronchitis may last for months, and requires the persevering continuance of the treatment prescribed.

CATARRH

IS an uncomfortable affection of the lining of the nose and throat, produced usually by exposure to cold, and especially to drafts while perspiring. It is commonly known as "cold in the head." It yields readily to the anti-inflammatory nature of VINEGAR BITTERS. Confinement in a warm room for a day or two, with a hot foot-bath, and enough VINEGAR BITTERS to effect a copious action of the bowels, will effect a speedy cure.

Chronic catarrh must be treated persistently in the same way.

How to be Handsome.—Many very plain people grow to be positively handsome upon more intimate acquaintance. They show so many rare traits of mind and heart that we cease to see the lineaments of the face in the richer beauty of the soul. A dull soul shows a dull face and a dull eye; but when the mind is awake, the sleepy look vanishes, and the eye sparkles with life and beauty. Mental beauty comes by mental cultivation; and this comes by reading and thinking, and talking with people who know something. There is too much good reading now for any one to read trash. Access to a good library brings you face to face with the intelligence of all past time. Store your mind with valuable knowledge, and learn how to tell it, and you will look beautiful in the eyes of all your friends.

FOR THE PURIFICATION OF THE BLOOD

VINEGAR BITTERS stands pre-eminent. It is a preparation which is a perfect renovator and invigorator of the system, because it cleanses the blood of all poisonous matter, and thus eradicates disease by supplying an abundance of pure, rich blood. It is perfectly free from alcohol in any form. *Cleanse the blood, and health will follow swiftly and surely.*

A little four-year-old girl said to her teacher, "Our dog's dead; I bet the angels was scared when they saw him coming up the walk. He's cross to strangers."

CONSUMPTION.

THIS foe to mankind is known in every clime. It is extremely insidious in its approach, and may follow a neglected cold, or by gradual growth may be developed from hereditary disposition. Its insidiousness makes it dangerous; for if taken in season it can usually be readily cured. When once seated upon its victim, it is characterized by tubercles which form in the lungs, and if not arrested in time, these develop into ulcers, which soften and destroy the lungs. It may result from breathing foul air; from too sedentary habits; from unwholesome food, or from alcoholic drinks and intemperance. Whatever weakens the system or vitiates the blood tends to produce consumption.

The symptoms are a dry, hacking cough, particularly at night, accompanied by expectorations, which at first are frothy, but afterwards become darker and thicker; chilliness, followed by fever, and a burning sensation in the hands and feet, and a cold, clammy perspiration while asleep. The troublesome cough soon produces emaciation and weakness; the feet swell, diarrhoea ensues and death awaits.

Delay is Dangerous! *Begin at once.* Dress warm; maintain perfect cleanliness; avoid a draft; observe regular habits of rising, eating, retiring and exercise; abjure alcohol; dispense with tea and coffee, and let your diet consist of beef-steak and generous, nutritious, food. Follow these simple rules with care, and keep VINEGAR BITTERS always by you, taking it as often as necessary to tone up your system and *cleanse the blood* from all scrofulous impurities in the lungs, and *if taken in time* you may *cherfully* hope for a cure.

Says Dr. Eiland: Consumption has been cured again and again by the simple process of building up the forces of vitality through passive exercise in the open air, and a supply of an abundance of nutritious food.

DIARRHŒA

IS occasioned by anything that irritates the mucous surface of the alimentary canal.

It occurs oftener in summer and autumn than at any other period. It is characterized by free discharges from the bowels in a very liquid state; but sometimes it is known as bilious diarrhoea, and is occasioned by an excessive flow of bile, which, unless arrested, often becomes chronic.

Diarrhoea *ought* not to be checked too suddenly, for it is a method by which nature strives to *throw out* impurities and restore the system to its normal condition. As an aid to nature VINEGAR BITTERS is invaluable. It invigorates the stomach and aids digestion, while it regulates the liver, inducing a healthy flow of the bile, and *cleanses the blood*.

Treatment: Use VINEGAR BITTERS regularly, with warm baths and warm clothing, avoiding the night and damp air. Farinaceous food should be added, and vegetables and solid food withheld.

CROUP

IS a dreaded and fatal affection among the diseases of young children, and always requires speedy attention. It often comes without warning until announced by that peculiar hoarse, "croupy" cough, which, once heard, will be always remembered. Croup is an acute inflammation of the membrane which lines the whole surface of the windpipe and bronchial tubes.

A tough expectoration is produced, which the child cannot expel, which clings to the sides of the throat, and if not relieved, the little sufferer speedily dies from suffocation. Fully one-third of the deaths of children are from croup. The paroxysms of this disease usually come on in the evening, and become intensified about midnight, the child seeming to be better during the day, but the voice still having that cold, metallic ring.

It is easily handled if it has immediate attention—but delay is fatal. Many a young mother must lose her first-born before she learns this unhappy lesson. All efforts should be directed to loosen this mucous from the throat and windpipe and have it expelled. This may be effected by a hot bath, or by wrapping a towel wet with warm water around the neck and throat covered with a dry one; and particularly by a slight emetic, sufficient to produce vomiting, followed by enough VINEGAR BITTERS to operate briskly upon the bowels; and wrap the child in flannel. Whenever I see an infant exposed with bare arms and naked shoulders, I pity the ignorance of that mother. See to it that the bowels are opened freely.

DYSPEPSIA

BRINGS innumerable disorders in its train. It is produced in many ways by which the tone of the stomach is weakened or destroyed, so that the gastric juices will not act on the food.

Imperfect mastication, hurry in eating, want of exercise, fatigue, over mental work, and whisky-drinking, are fruitful sources of dyspepsia, and it is the prevailing malady of civilized life. The sympathy between the stomach and brain is so intimate, that any derangement of the one is at once reflected on the other. So dyspepsia makes one miserable, hopeless, depressed in spirits, with gloomy forebodings, confused, irresolute, weak, languid, useless, and leads to suicide.

For the certain cure of this distressing disease, science has never yet discovered any remedy so sure in its effects as VINEGAR BITTERS. Why? Simply because they give tone to the stomach, rouse the liver, cleanse the blood, and then follow a clear brain, health and happiness.

Treatment: Horseback-riding, rest of the stomach and brain, moderate eating of simple and digestible food; drop coffee, tea, hot biscuit and whisky; be cheerful; maintain a clear conscience; pay your debts, and use VINEGAR BITTERS. And when restored to health remember forever after that the human stomach is not made of cast-iron.

DROPSY.

THIS is a disease characterized by an unnatural collection of water in any part of the body. This causes a bloated appearance, and the blood is impoverished and retarded in its circulation.

The first object is to get rid of the surplus watery fluid, and next to prevent its collecting again.

Tapping is but a temporary expedient.

The diuretic properties of VINEGAR BITTERS are of high order, and they thus promote the discharge of the watery fluid through its proper channels. The use should be regular and persistent until a cure is effected.

FEVERS.

THESE generally begin with chilliness, languor, a quickened pulse, hurried respiration, pains in various parts of the body, attended with nausea and vomiting. "What is a fever?" has given rise to endless theories and discussions. Fevers are variously named from their characteristics; as inflammatory, typhoid, nervous, typhus, scarlet and yellow. Where the increase and remission of the symptoms is well marked, like the ebb and flow of the tide, it is called remittent, but fever is never absent; but if the fever leaves the patient after some hours' duration, and returns again at regular intervals, we call it intermittent.

The cause of most fevers is no doubt the implanting of the spores or germs of disease into the human system, and they find in impure blood a rich soil in which to germinate and develop. Fevers are a blood poison. With pure, rich, healthy blood coursing through the veins, the germs of fever can find no lodgment; but health—rosy health—will reign throughout the system. With a healthy liver, and pure blood, we need never suffer from fevers, with all their attendant ills. And this we have very much in our own control, for pure air, fresh water and soap will do wonders. If to these we add VINEGAR BITTERS, we may feel secure; for its judicious use will cleanse the blood from all impurities, and invigorate the liver, and these will bring bloom to the cheek and health to the body in all its functions.

HEADACHE—BILIOUS AND NERVOUS.

BILIOUS headache is caused by disordered digestion produced by errors in diet. It is attended with sick stomach, and usually affects one side of the head, with at first severe throbbing pains, which soon extend over the entire head. The remedy is simple enough. A free use of VINEGAR BITTERS will cure the stomach and cleanse the blood and clear the brain.

Nervous headaches arise from nervous exhaustion or over mental work. Bathing the head in water during the attack, rest and quiet, with VINEGAR BITTERS properly administered, will give tone to the system and remove the trouble.

JAUNDICE

IS the direct result of the continued obstruction of the bile duct, and the absorption of the bile by the blood. Its presence in the blood is seen in the yellow tint of the eyes, the nails, and the skin. Languor, depression, headache, and constipation follow. Death may ensue speedily, or the disease may be prolonged for months.

Treatment: *Cleanse the blood* by the free use of VINEGAR BITTERS, which restores the healthy action of the liver, and expels the bile through the intestines. Use a light, cooling diet of fruits and vegetables. Rub the region over the liver on the right side briskly and often, and bathe with tepid water.

KIDNEY DISEASES.

THE kidneys are subject to a variety of diseases which are painful and dangerous.

Both kidneys are usually affected. Their function is to secrete the urine, and to void it. When diseased the urination is scanty and high-colored, and sometimes contains a deposit resembling brick-dust. Congestion, inflammation and Bright's disease may be relieved or cured by the careful use of VINEGAR BITTERS, because their diuretic properties are unsurpassed. They deplete the blood and thus restore the healthy action of the kidneys.

LIVER COMPLAINTS OR BILIOUSNESS.

THE function of the liver is to secrete the bile, which with a healthy flow regulates the evacuations. As the bile is elaborated it is deposited in the gall ladder, from whence it passes by a small duct into the intestine. This duct sometimes becomes obstructed, and the bile, instead of flowing into the intestine, overflows into the stomach, where it is taken up by the blood and is diffused throughout the entire system. This produces nausea, headache, vomiting, and all such symptoms as we call *biliousness*.

VINEGAR BITTERS is a specific for the regulation of every disorder of the liver. It rouses the liver into healthy action; it *cleanses the blood*, and with pure blood comes health.

PAINTERS' COLIC.

THIS disease is the result of the absorption into the system of the poisonous properties of lead, and painters, plumbers and workmen in white lead manufactories are subject to it. It is painful and dangerous.

VINEGAR BITTERS is especially adapted to remove this poison from the system, and to guard against it. To open the bowels by the healthy action of the liver is the province of VINEGAR BITTERS, and with the removal of the poison this distressing disease may be cured.

It has been found that tramps will not split wood, but if you have a shed they will lay in your coal.

PARALYSIS

IS not so much a disease as it is the token of some disorder of the nervous system showing partial or total loss of power in some of the nerves. Most nerve disorders are best reached through the stomach and the blood. There is a wondrous sympathy between the stomach and brain, and they act upon each other speedily and with intensity.

VINEGAR BITTERS acts directly upon the stomach, the liver, and the blood, three most important elements in that delicate structure, the human body. When these perform their functions properly, a clear, pure, life-giving stream is sent to every part of the body, building up its tissues with health and life, and with these comes also restored nervous power throughout the entire system.

PNEUMONIA

IS an inflammation of the lungs, arising from "catching cold," as we call it. It is attended by great soreness of the lungs, induced by a dry, hard cough, and attended with fever. It requires early attention, for if neglected the symptoms become aggravated, and the patient dies exhausted.

The early and free use of VINEGAR BITTERS bring about immediate resolution, free expectoration and febrile abatement, and then the danger is past; but a high fever, delirium, a dry, hard cough, with acute soreness and pain in the lungs, denote great danger, and should prompt to active measures of relief.

SCROFULA

IS a constitutional disease, often inherited, or may originate from impure air, want of sunshine, or living on pork. It manifests itself in swelling and tumors resulting in ulcers. In all constitutional diseases like scrofula, VINEGAR BITTERS have shown wonderful curative properties in many very obstinate cases. They operate directly and positively on the digestive apparatus, the liver and the blood, and scrofula disappears when the blood is pure.

WOMEN'S DISEASES.

MANY of the diseases of womanhood might be prevented if their approach were resisted. Any excitement of an unusual nature disturbs the balance of the system; the nervous energies are exhausted and general disturbance results. VINEGAR BITTERS have a marked beneficial effect upon diseases peculiar to women. It is a purely vegetable preparation, and is a safe remedy for all irregularities, suppression and urinary difficulties. It is also an infallible remedy for those many serious complaints arising from derangement of the liver, such as indigestion, dyspepsia, constipation, headache, &c., &c. Try it and you will not be disappointed.

The moon so wise her course doth steer,
She travels in sunshine all this year.

RHEUMATISM.

THIS is not usually a dangerous affection, unless it attacks, as it sometimes does, the heart, or some vital organ. But it inflicts suffering the most acute; and when it assumes an inflammatory character and becomes rheumatic fever, it occasions agonizing distress. It is often chronic, and unfits the sufferer for everything by the steady and continued discomfort in which he finds himself, both by day and by night.

It principally affects the joints, as the wrists, elbows, knees, hip-joints, back and loins. It is usually occasioned by thoughtless exposure to cold, damp air after having been heated. It is proper to call it a disease; for it, no doubt, is a poison circulating in the blood, deranging the healthy function of some organ of the body. This poison is the predisposing cause, and the cold merely exercises its injurious influence by closing the pores of the skin and thus checking the process by which the poison might have been eliminated; instead of which it enters the circulation, and the blood becomes poisoned and rheumatism developed. The cure is often tedious, but it can be cured. It is of the *highest importance* that the body should be protected by WARM FLANNEL CLOTHING. Vapor and hot-air baths are of service, and friction; and the steady use of VINEGAR BITTERS, until the blood has been purified from the poison which caused the rheumatism, will thoroughly drive it from the system. It has been done in thousands of cases, both chronic and inflammatory.

WORMS AND PARASITES.

DISGUSTING intestinal worms infest the intestines of young children. These are of various kinds, and any of them are capable of occasioning great irritation in the intestines, producing spasms and mischief. As a vermifuge we wish to say that VINEGAR BITTERS has extraordinary qualities, and we believe that all worms of whatever kind, from tape-worm to pin-worm, can be expelled from the human body and a complete cure effected of every vermicular disease by repeated doses of VINEGAR BITTERS. This remedy will sweep the system of all these pests, and they can be voided without the least danger or uncertainty. We cannot insist on this too strongly. All should know it.

To remove a glass stopper that has become firmly fastened in the neck of the bottle, put a drop or two of glycerine or sweet oil in the crevice about the stopper, and in an hour or two it will be loose.

An old-fashioned clergyman, opposed to instrumental music, gave out his morning psalm as follows: "You may fiddle and sing the 125th psalm!"

Pain is the blessed angel that teaches us to avoid danger.

Flowers may be preserved and their tints deepened by adding to the water a little solution of carbonate of ammonium and a few drops of phosphate of sodium.

The Gold that Wears.

We parted one eve at the garden gate
When the dew was on the heather,
And I promised my love to come back to her
Ere the pleasant autumn weather—
That we twain might wed
When the leaves were red,
And live and love together.

She cut me a tress from her nut-brown hair,
As I kiss'd her lips of cherry,
And I gave her a ring of old-time gold,
With a stone like the mountain berry—
As clear and blue
As her eyes were true—
Sweet eyes, so bright and merry!

"The wealth of my love is all I have
To give you," she said, in turning;
"The gold that wears—like the radiant stars
In yonder blue vault burning!"
And I took the trust
As a mortal must
Whose soul for love is yearning.

Fate kept us apart for many years,
And the blue sea rolled between us,
Though I kissed each day the nut-brown tress,
And made fresh vows to Venus—
Till I sought my bride,
And fate defied,
That had failed from love to wean us.

I found my love at the garden gate
When the dew was on the heather,
And we twain were wed at the little kirk
In the pleasant autumn weather:
And the gold that wears
Now soothes my cares,
As we live and love together.

To make jet black ink, that is, shiny and glistening when applied, dissolve in $\frac{1}{2}$ pint of soft water $\frac{3}{4}$ oz. of potassium bichromate, and add the solution to 6 ozs. of logwood extract dissolved in 1 gallon of water; then dissolve in 1 gallon of water, by continued boiling, borax 6 ozs., shellac $1\frac{1}{2}$ ozs. Mix all together while warm and add ammonia, 3 ozs.

That was not bad of an opulent old gentleman, recently deceased, of whom it was asked, "How much did he leave?"

"Oh, everything; he took nothing with him."

"All that glitters is not gold," is an old saying.

"Nothing that glitters is gold," is a better saying; for pure gold does not glitter.

Jones' wife had a habit of kicking him when angry. On being asked why he did not resent it, he said that "it seemed to amuse her and did not hurt him."

If Adam fell, I suppose that on the whole it was best that he should fall; for it is only by falling a thousand times that a child learns to stand. After all, was it not considerable of a fall up-stairs?

It is no kindness to surround children with such attention and care that they will not be compelled to learn the lesson of self-reliance, patient industry and persistent hope. The sooner a boy can be made to wait on himself, to think for himself, and to act for himself, the sooner will the germs of true manhood begin to develop within him. The real crowns of this world are crowns of labor.

To my Divinity.

While your velvet cheek discloses
 Lilies mingled with the roses,
 And your lips are banks of blisses
 Where to plant and gather kisses,
 You yourself give reason why
 Man like me must love or die—

Love or die.

Queen of Angels! Oh, what rapture!
 How you thrill me, kill me, capture
 Every thought and every feeling—
 To my helpless self revealing
 This—that in your presence I,
 I must love you—love or die—

Love or die.

What delicious recollections
 Stir my memories—my affections!
 Speed, ye winged winds, to Dea;
 Ask of this dear Dea mea
 Does she, can she wonder why
 I must love her—love or die—

Love or die?

Knows this grand Olympic creature,
 Heaven's mould in form and feature—
 By a head than Pallas higher—
 Eye ablaze with Helen's fire—
 Knows she—heeds she—cares? that I,
 Lover, love her? Must or die?

Must or die?

Paragraphs not in the Bible.

God tempers the wind to the shorn lamb.—
Sterne.

Cleanliness is next to godliness.—*Koran.*
 In the midst of life we are in death.—*Prayer-*
book.

That bourne from which no traveller returns.
 —*Shakespeare.*

Never tell a lie before breakfast.

Paragraphs that ought to be in the Bible.

Always tell the truth; you will find it easier
 than lying.

Always do a kind act in a kind way; to do it
 otherwise destroys all its value.

Do a mean act in a mean way; so it will have
 a keener sting—for your own breast. But better
 not do it. He who laughs at cruelty sets his heel
 on religion, and shows that he has none.

Whatever you dislike in another correct in
 yourself.

Better be upright with poverty than wicked
 with plenty.

Time never sets heavily on us when it is well
 employed.

Do your duty in that station of life in which
 God in His providence has placed you.

Mind your own business.

What is that which if once lost can never be
 found? Time.

God helps the man who helps himself; but
 God help the man who helps himself to anything
 of mine.

Mothers should never box their children's
 ears; it is hurtful. If you must strike a child
 (which I very much doubt), take off your slipper,
 and find the place that Nature provided for the
 purpose. That was my mother's plan, and I
 certify it to be good. It made me poetical, for

"Sorrows remembered sweeten present joy."

There is no forgiveness for transgression:
 it must be atoned for.

A healthy bee can cure the worst case of
 rheumatism in about a minute and a half; but it
 won't be permanent.

A streak of lean and a streak of fat makes
 the best beef; so sorrow mixed with joy gives
 zest to life. It took me forty years to find this
 out; but I give it to you for nothing.

Charles: "Lizzie, darling, why do you wear
 another woman's hair?"

Lizzie: "Charlie, dear, why do you wear an-
 other calf's—I mean, why do you wear calf skin
 boots?"

The language of flowers is very tender
 and beautiful; but the boy who stubs his toe
 don't use it.

Experience is a torch lighted in the embers
 of our own delusions.

The secret of beauty is health—robust
 health.

Those who wish to be beautiful should do all
 they can to maintain sound health. As a rule,
 when a person feels well he looks well; and
 when he looks ill he feels ill. Your bath, diet,
 exercise and medicine are matters for individual
 consideration, and should be carefully thought of
 and never neglected.

To have a fresh complexion, ruddy cheeks and
 bright eyes, you must be well.

Health and the happiness that comes with it
 are the true secrets of beauty. The judicious
 use of VINEGAR BITTERS will give health: health
 will give happiness, and these shine in the face
 in beauty.

Another secret of beauty is contentment. I

To be at peace with ourselves and our condi-
 tion and surroundings is more to be prized than
 wealth or position. And this treasure lies within
 the power of each. Its possession depends entirely
 upon ourselves, and it should be deep and abiding.
 A cheerful, happy face, the mirror of a serene and
 peaceful mind, can give more real pleasure to
 your family than money. It can spread sunshine
 in the abode of poverty. Solomon well says that
 a contented mind is a continual feast. Content-
 ment is opposed to fretting and crossness and
 frowns; and these never help matters. Chronic
 ill-humor sets its seal upon the face in lines never
 to be erased, and we instinctively avoid such
 people. Good-humor and serenity also make
 their mark, and attract us by their loveliness.

A fall of one inch in ten miles in a river will
 produce a current. The slope of the rivers flow-
 ing into the Mississippi from the east is about
 three inches per mile; from the west six inches
 per mile.

Responsibility.—The main effort in this life
 with many seems to be to avoid responsibility.
 My friends, don't cheat yourselves; this cannot
 be done. If there is an eternity, somewhere in
 that eternity responsibility must be met. The
 responsibilities of life are tremendous. Reader,
 God has something for you to do, and which you
 can do better than any other being in the uni-
 verse, or He would not have created you to do it;
 and somewhere in existence you will work out
 the problem of your destiny. This must be! God
 makes no mistakes: so don't shirk responsibility,
 for you cannot if you would. Face it like a man
 and discharge it faithfully.

Periods of Gestation.—Camel, 1 year;
 cow, 9 months; cat, 8 weeks; dog, 9 weeks; ele-
 phant, 1,9 year; hog, 16 weeks; horse, 11 months;
 sheep, 5 months.

Virtue and Vice in Contrast.

Vice is most revolting when seen in contrast with virtue. A profane man, belching forth oaths among those who never swear; an atheist, pouring forth blasphemies in the presence of reverent and holy men; an inebriate, filthy and coarse, mingling with persons who never touch the debasing draught; the vulgar libertine, corrupting the air with unwholesome speech, to the disgust of those whose minds are pure. In every such instance vice is not alone as a sin, but as a horrid deformity. It not only brings death, but also shame; it is not only wicked, but vile; it is not only wrong, but unspeakably mean. How lovely, by the same contrast, does virtue appear! How sweet the lips of chastity; how pure the breath of reverent piety; how excellent the life of abstinence; how blessed the example that chides the erring, rebukes the unholy, impresses the young, guides the wanderer, and strengthens the weak by its silent power!

No crockery expenses are incurred in Bengal; the dishes from which the Hindoos eat their food are the plantain leaf. These are never used a second time, and all washing of dishes is unknown, so that it must be a paradise for servant girls. Their vessels of this sort are the product of a tree which abounds everywhere, and is so commodious for the purpose, that the object is attained at once without the intervention of professional skill.

The following has been found in an oration on the presidential succession.

"Come on, brave boys, with good intent,
And fire the guns of government;
You load and I'll tend vent,
Touch her off and let her went."

There is seldom a line of glory written upon the earth's face but a line of suffering runs parallel with it; and they that read the lustrous syllables of the one, and stop not to decipher the worn inscription of the other, get the lesser half of the lesson earth has to give.

A Fable.—A man once went to an apple-stand kept by an ancient negress. He bought a cake for one cent; then he laid this down and took a stick of candy, also valued at one cent; this he laid down and took up an apple, which he slowly ate, and turned away. "Pay me for dat apple, sah," "I have paid you," said he; "didn't I give you the stick of candy?" "But you nebber paid for de candy, sah." "Well, didn't I give you back the cake?" "But you didn't pay for de cake." "Well, there's your cake." "Well, go 'way from here, white man, go 'way; I can't argue wid you, but 'pears like I hain't got no money for dat apple." Moral.—It is thus that Mr. Voorhees would pay the national debt. He would pay the bonds in greenbacks, and the greenbacks in other greenbacks, and so on all the way down.

Progress.—The world learns slowly; but it learns. The lancet has been banished; and many minerals once in favorite use have been proved to do more injury than the diseases they were supposed to cure. Instead of losing blood, the world has learned that it is better to keep it, and to *cleanse it and purify it*, for this brings health and happiness.

VINEGAR BITTERS contains neither minerals nor alcohol. It is a purely vegetable preparation; and its office is to give tone to the stomach, to invigorate the liver, and to *cleanse the blood*. In this it has no rival.

Morn.

In what a strange bewilderment do we
Awake each morn from out the brief night's sleep.

Our struggling consciousness doth grope and creep

Its slow way back, as if it could not free
Itself from bonds unseen. Then memory,

Like sudden light, outflashes from its deep

The joy or grief which it had last to keep

For us; and by the joy or grief we see

The new day dawneth like the yesterday:

We are unchanged; our life the same we knew

Before. *I wonder if this is the way*

We wake from death's short sleep, to straggle

through

A brief bewilderment, and in dismay

Behold our life unto our old life true!

An examination of facts is the foundation of science.

True Love.—Of all the love affairs of this world, nothing can surpass the true love of a big boy for his mother. It is pure love, and noble and honorable in the highest degree to both. I do not mean dutiful affection. I mean a *love* which makes a boy gallant and courteous to his mother, saying plainly to everybody that he is in love with her. Next to the love of a husband, nothing so crowns a woman's life with honor as this second love, this devotion of a son to his mother. And I never knew a boy to turn out bad, who began by falling in love with his mother. A boy who is a lover of his mother is a true knight, and all the girls may try to win this boy.

Irish Beggars.—A late well known Fellow of Trinity College, Dublin, remarkable for a peculiarly shaped and very ugly nose, resisting the importunities of a woman for "a ha'penny for the honor of the Blessed Virgin," she turned upon him with: "The Lord forgive you! And that he may preserve yer eyesight, I pray; for falx 'tis yerself has the bad nose for spectacles." Another spiteful old beldame of the same stamp attacked Sir A. B. for alms, following him down the whole length of Sackville Street. The baronet had tender feet, which, with other uncomely infirmities, caused his gait to be none of the most graceful. "Ye won't give it, won't ye?" broke out the woman in an angry whine. "Oh, thin, God help the poor! And look, now; if yer heart was as soft as yer feet, it wouldn't be in vain we'd be axing yer charity this day." "That the 'grace of God' may never enter into your house but on parchment!" was the terse and bitter anathema in which another gave vent to her wrathful disappointment. She knew that all writs were on parchment, and had probably learned, from cruel experience, the formula with which they commence: "Victoria, by the grace of God, Queen," etc.

The surface of our bodies is covered with scales like a fish; a single grain of sand would cover one hundred and fifty of these scales, and yet a single scale covers five hundred pores. Through these narrow openings perspiration forces itself like water through a sieve.

A horse is not known by his furniture, but quality; so men should be esteemed for virtue, not wealth.—*Socrates.*

The little village of Antwerp, New York, contains sixty-two widows. No book agent or sewing machine man, they say, ever goes into the place without coming out dead or married.

The Widow's Reply.—A colored man living in Greene Street, New York, having admired a colored widow living in the next block above, but being afraid to come out boldly and reveal his passion, went to a white man of his acquaintance the other day, and requested him to write the lady a letter, asking her hand in marriage. The friend wrote, telling the widow, in a few brief lines, that the size of her feet was the talk of the neighborhood, and asking her if she could not pare them down a little. The name of the colored man was signed, and he was to call on her on Sunday night for an answer. The writer of the letter met the nigger limping along the street, and asked him what the widow said. The man showed him a scratched nose, a lame leg and a spot on his scalp where a handful of wool had been violently jerked out, and answered in solemn tones: "She didn't say nuffin, and I didn't stay dar more'n a minute."

"**This is my last call,**" remarked a flip-pant young gentleman to a young lady who was soon to be married, on a recent occasion. "I never call on married women or unmarried ladies after they have reached twenty-five." "You do well, sir," gravely remarked an elderly lady present. "At that age, and after marriage, they begin to know the value of time, and do not like to waste it."

A jury in North Carolina, after being charged in the usual way by the judge, retired to their room, when a white juror ventured to ask a colored associate if he understood the charge of the judge. "Golly!" exclaimed the astonished juror, "he don't charge us nuffin for dat, does he? Why, I thought *we* was gwine to git pay!"

"**James,**" said a national schoolmaster to his pupil, "what is an average?" "A thing, sir," answered the scholar, promptly, "that hens lay eggs on." "Why do you say that, you silly boy?" asked the pedagogue. "Because, sir," said the youth, "I heard a gentleman say the other day as a hen would lay, on an average, a hundred and twenty eggs a year."

A young lady who has suffered from "bag-gage smashing" has had her trunk covered with flannel this season, having heard that flannel was a good chest protector.

A Long Chimney.—The largest chimney in the world is at the soda ash manufactory of James Muspratt, near Liverpool. It is of the enormous height of 406 feet above the ground, 45 feet diameter inside at the base, 9 feet ditto at the top, and contains nearly four millions of bricks.

Mythologists tell us that Iodid because of her intense love for Jupiter; but the charm of the romantic story has lately been destroyed by a chemist discovering Iodide of potassium.

"**Peter,** what are you saying to that boy?" said a schoolmaster. "He wanted to know if you take ten from seventeen how many will remain; so I took ten of his apples to show him, and now he wants that I should give them back." "Well, why don't you do it, then?" "Coz, sir, he would then forget how many is left."

The three virtues of temperance, thrift and religion, which are within the reach of every man, will secure, in this age, almost every desirable object for any family, and scores of objects which no legislation whatever can secure without individual temperance, thrift and religion.

Warnings to be Learned by Heart about Kerosene.

Always fill a lamp by daylight and *never* while lighted. If obliged to fill them at night, have the light a few feet distant.

Lamps should be filled daily and never lighted when partly empty.

Select lamps which have the burner considerably elevated above the body of the lamp.

Trim the wick square across to get the best light.

A lamp with the wick turned far down is more likely to explode.

If burning oil gets upon the floor, smother it with a rug or blanket.

If your clothes take fire, do the same and *lie down*.

Never pour oil on a fire from a can—*never*.

The observance of these rules *may* save many a life.

A quarrel requires two, and both are to blame.

"**Moral Insanity**" means that a person may have mind enough to know what is right, but not will-power to do it—knowledge that an act is wrong and power to refrain from it are essential to responsibility. No doubt many are morally insane.

Parthenia's definition of love by Ingomar has been admired as thus expressed:

"What love is, if thou wouldst be taught,

Thy heart must teach alone—

Two souls with but a single thought,

Two hearts that beat as one!"

Some profane cynic, having no fear of Cupid before his eyes, has thus villainously paraphrased it:

Love is a night-mare with one foot;

Two children with one bun;

Two turnips with a single root,

Two cabbage-heads as one!

Laziness grows on people. It begins in cobwebs and ends in iron chains.

No wonder that egotists find the world so ugly. They only see themselves in it.

A cockney sportsman, having vowed to his wife to bring home a hare killed by himself, and not being able to dispatch one by the aid of his gun, bought one and tied it with a string to a tree. Then, placing himself at an easy distance, he raised his gun to his shoulder, took aim and fired, when, to his horror, the hare made off as hard as it could go—the string only had been cut.

An intelligent class can scarce ever be, as a class, vicious; never, as a class, indolent. The excited mental activity operates as a counterpoise to the stimulus of sense and appetite.—*Edward Everett*.

I will never purchase lottery tickets so long as I can hire a man to rob me at reasonable wages.—*Josh Billings*.

A widow in New York has been three times married. Her first husband was Robb, the second Robbins, and the third Robinson. The same door-plate has served for the whole three, and the question now is, what extended name can be procured to fill out the remainder of the space on it.

Love and kindness are essential elements in the successful management of children; but firmness, decision, inflexibility and uniformity of treatment are no less important.

TESTIMONIALS.

We have received many thousands of testimonials as to the merits of **VINEGAR BITTERS** as a curative agent for a great variety of diseases, from every part of the country. We cannot give these *in extenso*, for it would require a volume; but we give the gist of enough to show how **VINEGAR BITTERS** is regarded.

From Dr. W. D. Bryant, Cainsville, Mo.—They are decidedly the best **BITTERS** ever introduced for constipated habits accompanied with hemorrhoids, they being tonic, anti-dyspeptic, *anti-periodic*, and diuretic, with stimulating properties sufficient, and an excellent aperient. I recommend them to my patients. For female uterine derangements I regard the **BITTERS** as equal, if not superior, to anything yet discovered in the whole list of proprietary medicines, etc., etc.

From Chilton & Son, Oxford, Miss.—This is no idle puff. Your **BITTERS** accomplish wonders. Mrs. W. B. Lines, who has been confined to her bed a large portion of the time for twelve years, has been entirely restored to perfect health by using three bottles. Her disease was dyspepsia. Mrs. S. Owens, with similar disease, has been cured with two bottles, and I could cite numbers of cases of such cures.

From Waller, Watson & Co., Wall-halla, S. C.—VINEGAR BITTERS give great satisfaction wherever used. Our Mr. Watson has suffered intensely for two years with disordered liver; but is now hale and hearty, and in better health than ever before from their use.

From James I. Barksdale, Tabers Mills, Va.—Thank God, I am relieved. I expected to be numbered with the dead. A short time ago I was a helpless invalid; to-day I am able to transact all my business, and with more ease than for two past years; and I feel rejoiced, etc.

From Mrs. Bettie Moxley, Bloomfield, Ky.—My disease was consumption. I was an invalid for many years, and but for this **BITTERS** would no doubt have been in my grave soon. I am now able to attend to all the ordinary duties of housework. I earnestly recommend these **BITTERS** to all in similar affliction.

From Z. Crowder, Ridgeway, N. C.—I am forced to send my congratulations. My wife, for fifteen years, has been the victim, as it seemed, of every form of disease. Some physicians called it cancer of the stomach, and some deep-seated consumption; and others said that so much was the matter with her that she never could be cured. But for three months past she has been taking **VINEGAR BITTERS** with such marked results, that neither she nor I can frame language sufficient to thank you. I can only say that she is a new woman. [We wish we could give it all.] I cheerfully concur in what my husband writes.—SOPHRONIA M. CROWDER.

From T. B. T. Whedbee, Fort Collins, Colorado.—Your **BITTERS** are the most popular of all in this State. They certainly produce wonderful cures.

From Wm. C. Brown, Ripley, Tenn.—I have been a sufferer from piles for ten years, and have had annual attacks of bilious fever. Twelve months ago I commenced with your **BITTERS**, and commenced improving immediately, and was soon restored to perfect health in every way. Their use has also driven the ague from my family.

From J. L. F. McLain, P. M., Reed's Creek, Ark.—I have used your valuable **BITTERS**, and am thoroughly convinced of their superior medicinal qualities and great utility.

From R. Workman, Mouth of Short Creek, West Va.—Your **BITTERS** have given entire satisfaction. It has cured me of neuralgia in the head, of two years' standing, perfectly.

From Charles Lapham, Garden P. O., Delta Co., Mich.—Three bottles of your **BITTERS** cured me completely of the worst case of bleeding piles you ever knew. God bless you.

From P. H. Clay, Prest. Teachers' Inst., Cross Co., Ark.—I have used your **BITTERS** for chills and fever, and they are always successful without fail.

From Albert F. Brigham, Lowell, Mass.—Your **VINEGAR BITTERS** have cured me of the most aggravating dyspepsia when I had tried all others without success. I am so highly pleased that I ought to tell you of it, for I hope you may be rewarded.

From J. J. Hobbs, Winoski, Wis.—I consider your **BITTERS** as the best regulator of the system that I know of. I have been subject to piles and flow of blood to the head, and never found relief until I tried **VINEGAR BITTERS**. They are the best medicine I have ever used, without exception.

From L. D. Marshall & Co., Hickory Plains, Ark.—VINEGAR BITTERS sell here better than anything else. When anybody buys one bottle they always come for another.

From J. M. Emley, P. M., Westerville, Iowa.—I have used your **BITTERS**, and find them excellent as a perfect regulator of the system. One of my neighbors has been cured of a bad case of rheumatism by them, and they stand high here.

From J. S. Englerth, Tivoli, Minn.—You "struck the right nail in the right place" when you got up **VINEGAR BITTERS**. They are most excellent, and I have found their value. My daughter, aged 18, had been for six years an invalid and unable to perform any kind of labor, not even to walk a half mile. She read one of your almanacs and forthwith tried one bottle, then five. Now she is able to walk and work, and is restored to health.

From C. R. Peterson, Golden Spring, Burt Co., Neb.—In justice to suffering humanity I wish to give my testimonial to the value of your **VINEGAR BITTERS**. I was attacked with a severe cold, which settled on my lungs. I had a terrible cough, with great pain in my right side, and suffered greatly. I procured a bottle of your **BITTERS**, and half of it made me well.

From O. Hutchinson, P. M., Ellington, Mich.—Your most excellent **VINEGAR BITTERS** cured me of dyspepsia of seven years' standing. I shall forever return you my thanks.

From X. X. Chartlers, Guineas Station, Va., R. F. & P. R. Rd.—I say valuable, because my wife has been a great sufferer for several years from confirmed dyspepsia, and your **BITTERS** are the only thing that has done her any good. They have cured her.

From Ervin Thompson, Buffalo Valley.—I have been afflicted with erysipelas for seven years. I tried eminent physicians without relief. About three months ago I commenced trying your VINEGAR BITTERS, and after using five bottles I found myself entirely cured. I think it is the best medicine that has ever been discovered. It cured me.

Rheumatism. From J. J. Rowntree, Oatmeal, Burnet Co., Texas.—I wish to tell you that nearly four years ago I was taken down with rheumatism, and for eighteen months was as helpless as an infant. Every joint in me, from head to toe, was full of pain. A neighbor advised me to try your BITTERS, and I sent for six bottles, which I took, and found myself improving. I then sent for a box of them. I can now go about my farm, and I suffer very little. I believe that I should have died had it not been for the BITTERS.

From J. M. Davis, P. M., Sturgeon, Ind.—Your BITTERS cured me of dyspepsia, which I had had for four years. Two bottles cured me, and those two bottles have been worth two hundred dollars to me.

From Walter Oscar, Nat. Mil. Asylum, Milwaukee.—I want to thank you with all my heart for what your BITTERS have done for me. I came out of the army of the South with a broken-down constitution. I consulted with leading physicians, and for six years they doctored me; some for liver complaint, others for dyspepsia, consumption, or heart disease. After spending \$800 I was pronounced incurable, and came to this asylum to die. I bought a bottle of VINEGAR BITTERS to keep my bowels open. I was relieved. I continued its use, and after taking five bottles I was restored, and am well, strong and happy. From a perfect wreck I am now full of life and vigor. I feel so well that I am enthusiastic.

From Mr. Wilhite, Downsville, La.—My wife has been in bad health for fifteen years. One bottle of your BITTERS has done her more good than a thousand dollars spent in doctoring, &c., &c.

From John Vamer, High Point, N. C.—I have been subject to rheumatism for thirty years, and could find nothing to afford relief until I tried VINEGAR BITTERS. This has given me more relief than anything I have tried for thirty years. I am well.

From Richard B. Chenoweth, 282 Penn. av., Bal., Md.—My wrist and forearm were nearly dislocated from contraction of the muscles. I send you my photograph, to let you see how I look after taking your BITTERS six months. My arm is straight. I am a new man. You have saved me from a suicide's grave.

From Richard B. Chenoweth, Baltimore, Md.—I have been suffering from paralysis (hemiplegia is the term by which my disease was called), and was considered incurable. I have been speechless and my mouth drawn nearly to my ear; one leg, arm and hand, and thus I was afflicted for fifteen years. I tried everything possible for relief. I applied to distinguished physicians in New York, Boston and Virginia during that time, and have spent nearly \$7,000 to no purpose. I commenced eight months ago to take VINEGAR BITTERS, and have taken them ever since, with the greatest success. I believe that, with the blessing of God, they will finally cure me entirely. This may be hard to be believed, but I will at all times be most happy to have persons call on me and judge for themselves. 282 Penn. av., Baltimore—2 mos. later.

From Gorden T. Linkous, Christiansburg, Va.—I certify with pleasure and for the good of humanity that I have been a sufferer for fourteen or fifteen years with a disease of the heart, which has baffled all the skill of medical men in my section. But by using three and a half bottles of VINEGAR BITTERS I am entirely cured. And with hearty good will I recommend this BITTERS to all similar sufferers.

From Dr. H. D. Torbit, Waynesboro, Ga.—It is the most valuable medicine that I know, and I have practiced medicine twenty-one years. I have never known it to fail to cure dyspepsia, piles, chills and fever, or rheumatism. It is the only bitters made worth using. I have known cases almost raised from the dead, &c., &c.

From P. Welshimer, P. M., Neoga, Ill.—I send my sincere thanks on behalf of my wife. For twelve years she had suffered from consumption, with terrible cough and pain in the breast. Nothing could give her relief until we tried VINEGAR BITTERS, which relieved her at once, and she is now on the rapid road to recovery. I say this in justice to the merits of VINEGAR BITTERS, that all afflicted like her may know how to get relief.

From B. C. Carpenter, from same place (Neoga).—My wife for four years has been afflicted with disordered liver and spleen, so much so that we despaired of a cure. She had the best medical attention to no avail. I was induced to try VINEGAR BITTERS, which gave immediate relief, and she is now in full health and vigor.

From Mrs. Elizabeth Kelly, Ottawa, Ill.—I think it a duty to tell you what VINEGAR BITTERS have done for me. I was troubled with coughing and spitting of blood, and so short of breath that I could hardly put two words together. I suffered intense pain. VINEGAR BITTERS gave me immediate relief, and after using one bottle I am restored to health and am perfectly well. I wish all my ailing friends to know it.

From Mr. —, Fostoria, Pa.—Your BITTERS are more than you represent. For four years I have been afflicted with chronic rheumatism, and have not had, to my knowledge, one single night's comfortable sleep in all that time. Two bottles of your BITTERS have restored me to health. Pain all gone, and never felt better. I am a new man.

From George Herman, Delaware Township, Northumberland Co., Pa.—I had dyspepsia for twenty years. I tried everything I could hear of, and I finally tried your VINEGAR BITTERS, but without much confidence, for I had tried so many things. I am a well man. I am seventy years old, and feel better than I have for twenty years.

From John Forsman Carpenter, New Orleans, 166 St. Antoine st.—I have spent hundreds of dollars in trying to be cured of the asthma, but never found relief until I tried VINEGAR BITTERS. It is the only thing that ever afforded relief, but I feel cured, and can now attend to my business with satisfaction. I am a new man entirely.

From Martin V. Riddle, Lynchburgh, Lincoln Co., Tenn.—I had a complication of chronic diseases, breast complaint, enlarged liver and dyspepsia. I have used five bottles of your BITTERS and am cured.

From J. M. Hess, Safe Harbor, Lancaster Co., Pa.—For breaking up old and obstinate cases of fever and ague your BITTERS do the work where quinine and cinchona fail.

A WORD AT PARTING.

Our present task is about completed, and our annual pamphlet will soon be in the hands of its millions of readers, and we hope they will find it worth reading and worth preserving. Among the thousand ailments to which the human body is liable from inheritance, or accident, or abuse, it would be folly for us to claim that VINEGAR BITTERS is a universal specific; and we make no such claim. We have published a few of the many thousands of testimonials sent to us voluntarily from all parts of the country, which speak for themselves in all their honesty and truthfulness; and we send them forth on their errand of good, that other sufferers may profit by the happy experience of some one who has suffered from a malady similar to theirs. It is a matter of gratitude to us to know, as we do, that we have been the means of alleviating pain and distress and sickness in thousands and thousands of instances, and we let a few of our friends tell the tale in their own simple and earnest phraseology. It is safe to say that people have their health very much more under their own control than they are apt to think. Indeed, that person who has lived to the age of thirty without understanding his constitutional habits and wants, has studied himself to little purpose, or has been faithless to his trust. It has been stated, on good medical authority, that at least half the ailments which afflict mankind, and nearly half the mortality of the race, are directly chargeable to ignorance or disregard of the laws of hygiene. One is a misfortune, but the other is a crime; still, a startling proof of the fact is seen in the great proportion of the race who die before reaching maturity, which ought not to be. We cannot violate the conditions essential to the preservation of bodily vigor without incurring pain and danger. If we habitually infringe the natural rules which apply to diet, exercise, the relations of labor to repose—in fact, to the whole economy of daily life—and neglect, when taken sick in consequence of such infringement, to resort to the ascertained means of relief, we have no right to expect exemption from the penalties attached to such transgressions—nor will we. TEMPERANCE IN ALL THINGS, good moral habits, regular exercise, bodily cleanliness, avoidance of indigestible food, proper hours for rest and sleep, are among the leading requisites for health; nor can that blessing be reasonably expected without the observance of these rules. And yet how many set them at constant defiance! The criminal disregard of these rules is the costliest of all social evils. It brings physical suffering and disease; and where persisted in in youth, is sure to bring in later life the sad but certain harvest of physical ruin and death.

The Grecian apothegm, "Man, know thyself," applies equally to the body as the mind, and is full of sound instruction; for what more noble effort can there be, than to preserve in all its functional vigor that wondrous tenement of the soul which God only could make, but which its owner can and should preserve until its purpose has been completed? Most of the disorders of humanity arise from a disordered stomach or liver, or from poisoned blood. Where the functions of these—the stomach, the liver and the blood—are well performed, there it is ALWAYS safe to expect physical health. Leaving out the inherited ills of life—for which the unfortunate individual is not responsible, but for which some other person is—perhaps it is safe to say THAT ALL THE DIFFERENT TYPES OF DISEASE spring from one prime cause, the foe to health, THE POISON GERM IN THE BLOOD. These microscopic germs of disease are inhaled into the lungs, where they enter the blood; thence they are conveyed to heart and liver and stomach and brain, and sooner or later they develop into an active poison, and derange the whole machinery of the vital forces of the body; and as it shows different phases, we call it rheumatism, or neuralgia, or liver complaint, or consumption, or diphtheria, or a hundred other names. We had better understand at once that the BLOOD IS POISONED, and go to work to cleanse it. For this purpose we can conscientiously say that science has never yet produced a remedy so effectual as VINEGAR BITTERS. It contains no alcohol and no minerals, but is a vegetable preparation purely, and as a purifier of the blood it does stand pre-eminent.

Few appreciate health rightly; those only who have lost it know its priceless value.

With "a sound mind in a sound body,"
 "Nature may indeed stand up and say to all the world,
 This is a Man."

But it is useless to look for a perfectly sound mind in an unsound body—for the functions of the two are so intimately related, that they act reciprocally on each other.

Health is everything. It is a large ingredient in what the world calls talent. A man may have a brilliant intellect, but without health his deeds will be futile. On the contrary, let him have a quick circulation, which comes with healthy blood; let him have good digestion and a healthy liver, and with only a modicum of brains, that man will do something. Men with heroic constitutions and heroic brains are few, and something is at fault that it is so. It ought to be the rule, and not the exception. It is to be hoped that the coming race will understand these things better. At present, in the lottery of life, it is a question whether a man will draw the prize of a healthy stomach without a mind, or the prize of a brilliant intellect with a sickly stomach. But a pound of energy with an ounce of talent will usually accomplish more for the world than a pound of talent with an ounce of energy. The first requisite to success in life is to have a good animal organism—to have sound health. With this, every mental quality—fancy, wit, judgment, eloquence—attain a force and splendor which they never could approach without it. These combined give force to character. Without health there is no ambition, no life—the disposition is fretful, peevish and complaining; the spirits are despondent, the mind confused, the individual unhappy. All these follow in the train of diseased blood and a torpid liver. If not restored, the blood becomes more and more thickened, until at last it is almost too thick to flow at all, and congestion in some organ follows, which always means danger. Constipation is a sure indicator of an inactive liver, and should be corrected at once, for the waste of the system should be carried off DAILY, or something is going wrong. Opposed to all this is rosy health. It means pure blood, a lively circulation, every pulsation a pleasure, a lustrous eye, vigor, hunger, elasticity, life, happiness.

These different conditions are a matter of choice with most people, but how sadly careless are they in the choice! We say again that "THE BLOOD IS THE LIFE." With a HEALTHY STOMACH and a HEALTHY LIVER, and PURE, RICH BLOOD, you may laugh at disease. To secure and maintain these, we believe that no preparation has ever yet been produced which can compare with VINEGAR BITTERS. Its judicious use brings HEALTHY BLOOD, and with healthy blood comes the ruddy cheek, the buoyant step, the healthy man. So we hope that by its prudent use each and all of our many thousands of patrons may forever be Healthy, Happy and Hungry.

DR. J. WALKER'S CALIFORNIA

VINEGAR BITTERS



ONLY TEMPERANCE BITTERS KNOWN

FREE FROM ALL ALCOHOLIC STIMULANTS.

A PURELY VEGETABLE PREPARATION,

Made from the native herbs of California. The Great
BLOOD PURIFIER and Life-giving Principle.

FOR SALE BY

D. F. RICHARDSON & CO.,

300

Windsor, Ills

DRUGGISTS AND CHEMISTS,

A LARGE AND WELL SELECTED ASSORTMENT OF

Drugs, Medicines, Chemicals, Fancy Toilet Articles,
Fine Perfumes, Soaps, &c.,

AND A GREAT VARIETY OF DELICATE DIETETICS FOR THE SICK.

Physicians' Prescriptions and Family Medicines prepared with the utmost care
and accuracy from Pure Materials.

If you wish for more Almanacs, please send without delay.

A copy of this Almanac will be sent to any address on receipt of postage stamp.

VINEGAR BITTERS

ALMANAC

Adapted for
Use throughout the
United States.

FOR THE YEAR
1879

Containing
Useful and Valuable
Information.

ECLIPSES.

In the year 1879 there will be three Eclipses, two of the Sun and one of the Moon, none of them visible in the United States.

I. An Annular Eclipse of the Sun, January 22, visible in South America, the South Atlantic Ocean, Africa, and a part of Asia.

II. An Annular Eclipse of the Sun, July 19, visible in the South Atlantic Ocean, Africa, and a part of Asia.

III. A Partial Eclipse of the Moon, December 23, visible in England.

Morning Stars. *Mercury*, until March 4; April 17 to June 15; August 23 to October 5; December 10 to the end of the year. *Venus*, September 23 to the end of the year. *Mars*, until November 12. *Jupiter*, February 8 to August 31. *Saturn*, March 26 to October 5.

Evening Stars. *Mercury*, March 4 to April 17; June 18 to August 23; and October 5 to December 10. *Venus*, until September 23. *Mars*, November 12 to the end of the year. *Jupiter*, until about February 8; and June 11, to the end of the year. *Saturn*, until March 26; and July 3, to near the end of the year.

Head and Face. ♈ ARIES, the Ram.

Arms.

♊ GEMINI,
The Twins.

Heart.

♌ LEO,
The Lion.

Reins.

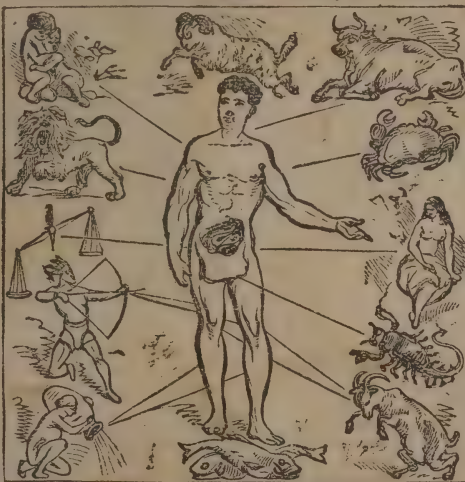
♎ LIBRA,
The Balance.

Thighs.

♐ SAGITTARIUS,
The Bowman.

Legs.

♑ AQUARIUS,
The Waterman



Neck.

♉ TAURUS,
The Bull.

Breast.

♋ CANCER,
The Crab.

Bowels.

♍ VIRGO,
The Virgin

Secrets.

♏ SCORPIO,
The Scorpion.

Knees.

♐ CAPRICORNUS
The Goat.

Feet. ♊ PISCES, The Fishes.

Characters.—♈, Ascending Node; ♎, Descending Node; ☾ in apogee, farthest from the earth; ☾ in perigee, nearest to the earth; ☾ highest, farthest north; ☾ lowest, farthest south. ☉, Sun; ☿, Mercury; ♀, Venus; ☁, Earth; ♂, Mars; ♃, Jupiter; ♄, Saturn; ♅, Uranus; ♆, Neptune; ☿, conjunction, near together; ☐, quadrature, 90° apart; ☊, opposition, 180° apart.

Note.—The sun's rising and setting are given for the upper limb, corrected for refraction, in mean time; so also are the moon's.

Entered according to Act of Congress, in the year 1878, by R. H. McDONALD & Co., in the Office of the Librarian of Congress at Washington, D. C.

POSTAL INFORMATION.

Letters and sealed packages are sent to any part of the United States for *three cents for each half ounce*, or fraction thereof. Letters are forwarded, if having on them one full rate of *three cents*, and if insufficiently stamped the amount due will be collected on delivery. *Local or drop letters* require a stamp of *two cents for each half ounce*, or fraction. Letters to persons not found where addressed may be forwarded elsewhere without charge from place to place; but letters once delivered as addressed require *new stamps* before they can be forwarded. Any communication, wholly or in part in *writing*, is subject to letter postage except book manuscripts and corrected proofs. Stamps cut from stamped envelopes cannot be used on letters.

Newspapers or periodicals sent to regular subscribers *weekly* require *two cents per pound*. When issued less frequently than once a week *three cents per pound*.

Transient newspapers, pamphlets, occasional publications, posters, sheet-music, handbills, proof sheets (printed or corrected), maps and books, are subject to a rate of *one cent for each two ounces or fraction*; and cards (printed or unprinted), lithographs, prints, engravings, photographs, stereoscopic views, book manuscripts, unsealed circulars, seeds, cuttings, roots, scions, flexible patterns, samples of ores, metals, minerals and merchandise, and flexible material generally, require *one cent for each ounce or fraction*. No *writing* is allowable, except the sender may write his name, either outside or inside, with the word "from" preceding it; and may give the number and names of articles. Packages are limited in weight to *four pounds*, except seeds, books and Congressional documents.

Postal Cards are sold at a fixed rate of *one cent each*, in any quantity. Postmasters are forbidden to read them. Unclaimed postal cards are never returned to the writer; if not delivered within *sixty days* they are burned up by the Postmaster. Anything pasted on or attached to a postal card subjects it to letter postage.

Registered Letters require full postage and a registration charge of ten cents in stamps on the letter to all parts of the world. Registered packages require letter rates; and the name and address of the writer should be written on the outside of the letter or package.

Money Orders furnish an absolutely safe way of sending money through the mails. Money can thus be sent throughout the United States and to several Foreign countries. The domestic commissions are:

| | |
|-----------------------------------|-----------|
| On orders not exceeding \$15..... | 10 cents. |
| " " " 30..... | 15 " |
| " " " 40..... | 20 " |
| " " " 50..... | 25 " |

No fractions of cents are introduced. Orders are transferable by endorsement once. Orders should be collected within one year.

Request Letters. All letters bearing the name and address of the writer on the outside, when not delivered, are returned direct to the writer, and are not advertised nor sent to the Dead Letter office. Remember this. Always prepay postage, and place the stamp on the upper right-hand corner of the letter.

FOREIGN POSTAGE.

To England, Ireland, Scotland, Wales, France, Germany, Italy, and Russia:

Letters, if prepaid.....5 cents per half ounce.

Newspapers.....3 " for each 4 ounces.

To Canada and British North American States (except Newfoundland—the rate for which 2 cts. per ½ oz. or fraction), 3 cts. per ½ oz., prepayment compulsory. Postal cards must have an additional one-cent stamp affixed.

To France, Germany, Austria, Hungary, Prussia, Denmark (including Iceland and the Far Islands), Egypt, Spain (including the Balearic Isles, the Canary Islands, the Spanish possessions on the northern coast of Africa, and the postal establishments of Spain upon the Western coast of Morocco), Great Britain (including the Island of Malta), Greece, Italy, Luxemburg, Norway, the Netherlands, Portugal, including Madeira and the Azores, Roumania, Russia, Finland, Servia, Sweden, Switzerland, and Turkey; for prepaid letters 5 cts. per ½ oz. Unpaid letters 10 cts. Postal cards 2 cts. each. Newspapers, not over four ozs., 2 cts. each. Books, other printed matter, patterns, legal documents, photographs, etc., 2 cts. for each 2 ozs. Registration fee on all correspondence, 10 cts.

Justice Swayne, now of the Supreme Bench of the United States, was formerly a popular lawyer of Columbus, Ohio. He once had a case in Pickaway County relating to a lot of hogs, and the witness, a plain farmer.

QUES. BY SWAYNE: Mr. Carper, do you know anything about a lot of hogs fed by Foresman for Mr. Baker?

ANS.: Yes, sir.

QUES.: Well, can you tell me how many there were in the lot?

ANS.: Well (looking Swayne straight in the face), there were about a hundred or thereabouts, but I can't tell to a hog. The court smole a smile and Swayne bowed his acknowledgments-gracefully.

"Business before Pleasure," as the shoemaker said when he worked on the day of his wife's funeral.

Never do to-day what can as well be done to-morrow, for when to-morrow comes it may not be necessary to be done.

When our Frank was a five-year-old, and beginning to use a gimlet and a knife, he was one day amusing himself in making a little table out of the end of a broken cigar box; but it was a failure. He could not put the legs in to suit him, and it would topple over at the slightest touch. He was vexed at first, but soon took a ludicrous view of it; and finally, looking up to his grandmother, with a curious twinkle in his eye, he inquired: "Grandma, does God see everything down here?" "Certainly, Frank; but why do you ask?" "Well, I reckon when He comes to see my table He will have a good laugh." Sound philosophy that. There is a good deal to laugh at, for sure.

Demonstrative Love.—If you love a girl, don't be afraid to tell her so; and if she feels as you do, she will find many a way of responding. Yes. Then, if you are worthy of each other, marry. After marriage keep on telling her that you love her; and if you are sincere it will bring you rich returns in many a kiss of affection, and many a piece of custard pie. I've tried it.

Worth Remembering.—Twenty minutes in the smoke of burning wool will take the pain out of the worst case of inflammation arising from a wound or bruise.

1st Month.

JANUARY, 1879.

31 Days.

| MOON'S PHASES. | | | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississipp, and Louisiana. | | |
|-------------------------------|-----|-----------------------------------|--------------------|---------------------|---------------|---|-------|--------|---|-------|--------|--|-------|--------|
| D | D | | | | | Sun | Sun | Moon | Sun | Sun | Moon | Sun | Sun | Moon |
| M | W | Phenomena and Important Events | | | | rises | sets. | sets. | rises | sets. | sets. | rises | sets. | sets. |
| | | | | | S. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| 1 | We | ♂ r. 4.42 M. Circumcision. | | | | 7.30 | 4.38 | 0.58 | 47.25 | 4.44 | 0.55 | 7.35 | 5 | 0.46 |
| 2 | Th | Fr. Wm. IV d. 1861. | | | | 7.30 | 4.39 | 2. 0 | 47.25 | 4.44 | 1.56 | 7.35 | 6 | 1.42 |
| 3 | Fri | Battle of Princeton, 1777. | | | | 7.30 | 4.40 | 3. 3 | 57.25 | 4.45 | 2.58 | 7.35 | 7 | 2.39 |
| 4 | Sat | Clocks invented, 1326. | | | | 7.30 | 4.41 | 4. 7 | 57.25 | 4.46 | 4. 17 | 7.35 | 7 | 3.38 |
| 1) 2d Sunday after Christmas. | | | | | | 9h. 33m. | | | Day's length, 10h. 4m. | | | | | |
| 5 | Su | Bom. of Paris begun, 1871. | | | | 7.30 | 4.42 | 5. 9 | 67.25 | 4.47 | 5. 07 | 45 | 8 | 4.37 |
| 6 | Mo | ♂ s. 6.57 A. Epiphany. | | | | 7.30 | 4.43 | 6. 8 | 67.25 | 4.48 | 6. 17 | 45 | 9 | 5.34 |
| 7 | Tu | Chas. Dickens born, 1812. | | | | 7.30 | 4.44 | rises. | 77.25 | 4.49 | rises. | 7. 45 | 10 | rises. |
| 8 | We | ♂ 8th. Bat. N. O., 1815. | | | | 7.29 | 4.45 | 5. 2 | 77.24 | 4.50 | 5. 87 | 45 | 11 | 5.31 |
| 9 | Th | Astor Library op'd, '54. | | | | 7.29 | 4.46 | 6.15 | 77.24 | 4.51 | 6.20 | 7. 45 | 11 | 6.38 |
| 10 | Fri | Eng. Penny Post com. 1840. | | | | 7.29 | 4.47 | 7.29 | 87.24 | 4.52 | 7.32 | 7. 45 | 12 | 7.45 |
| 11 | Sat | ♂ s. 10.25 A. Ala. secedes, '61 | | | | 7.29 | 4.48 | 8.43 | 87.24 | 4.53 | 8.45 | 7. 35 | 13 | 8.51 |
| 2) 1st Sunday after Epiphany. | | | | | | 9h. 41m. | | | Day's length, 10h. 11m. | | | | | |
| 12 | Su | Bonaparte fam. ban. 1816. | | | | 7.29 | 4.49 | 9.56 | 97.23 | 4.54 | 9.57 | 7. 35 | 14 | 9.57 |
| 13 | Mo | Salmon P. Chase born, 1808. | | | | 7.29 | 4.50 | 11.10 | 97.23 | 4.55 | 11. 97 | 7. 35 | 15 | 10.53 |
| 14 | Tu | ♂ in perigee. Invent. 1340 | | | | 7.29 | 4.52 | morn | 97.23 | 4.56 | morn | 7. 35 | 16 | morn |
| 15 | We | ♂ 15th. Gunpowder | | | | 7.27 | 4.53 | 0.25 | 107.22 | 4.57 | 0.22 | 7. 35 | 17 | 0.11 |
| 16 | Th | ♂ greatest elong. W. | | | | 7.27 | 4.54 | 1.41 | 107.22 | 4.59 | 1.37 | 7. 35 | 18 | 1.20 |
| 17 | Fri | Ben. Franklin born, 1706. | | | | 7.26 | 4.55 | 2.56 | 107.21 | 5. 0 | 2.51 | 7. 25 | 19 | 2.29 |
| 18 | Sat | Dan'l Webster born, 1782. | | | | 7.25 | 4.55 | 4. 9 | 117.21 | 5. 1 | 4. 37 | 7. 25 | 20 | 3.37 |
| 3) 2d Sunday after Epiphany. | | | | | | 9h. 51m. | | | Day's length, 10h. 19m. | | | | | |
| 19 | Su | ♂ 1st Almanac U.S. 1639. | | | | 7.25 | 4.58 | 5.15 | 117.20 | 5. 2 | 5. 87 | 7. 25 | 21 | 4.41 |
| 20 | Mo | ♂ 2d Vinegar Bitters. | | | | 7.24 | 4.59 | 6. 8 | 117.20 | 5. 3 | 6. 27 | 7. 15 | 22 | 5.36 |
| 21 | Tu | Louis XVI beheaded, 1793. | | | | 7.23 | 5. 0 | sets | 127.19 | 5. 4 | sets | 7. 15 | 23 | sets |
| 22 | We | ♂ 22d. Byron b. 1788. | | | | 7.23 | 5. 1 | 5.23 | 127.19 | 5. 6 | 5.27 | 7. 15 | 23 | 5.45 |
| 23 | Th | ♂ 24. ♂ 24. ♂ 24. | | | | 7.22 | 5. 3 | 6.31 | 127.18 | 5. 7 | 6.35 | 7. 05 | 24 | 6.47 |
| 24 | Fri | Telescope invented, 1549. | | | | 7.21 | 5. 4 | 7.37 | 127.17 | 5. 8 | 7.39 | 7. 05 | 25 | 7.47 |
| 25 | Sat | First col. reg. formed, 1863. | | | | 7.20 | 5. 5 | 8.41 | 137.16 | 5. 9 | 8.42 | 6.59 | 26 | 8.44 |
| 4) 3d Sunday after Epiphany. | | | | | | 10h. 3m. | | | Day's length, 10h. 23m. | | | | | |
| 26 | Su | Dr. Jenner died, 1823. | | | | 7.20 | 5. 6 | 9.43 | 137.15 | 5.10 | 9.43 | 6.59 | 27 | 9.40 |
| 27 | Mo | ♂ G. Mozart died, 1756. | | | | 7.19 | 5. 8 | 10.44 | 137.15 | 5.12 | 10.43 | 6.58 | 28 | 10.35 |
| 28 | Tu | Reign of Terror, Fr., 1793. | | | | 7.18 | 5. 9 | 11.46 | 137.14 | 5.13 | 11.43 | 6.58 | 29 | 11.30 |
| 29 | We | ♂ in apogee. Paine b. 1739. | | | | 7.17 | 5.10 | morn | 137.13 | 5.14 | morn | 6.57 | 30 | morn |
| 30 | Th | ♂ 30th. Chas. I. ex. 1649 | | | | 7.16 | 5.11 | 0.48 | 147.12 | 5.15 | 0.44 | 6.56 | 31 | 0.27 |
| 31 | Fri | Vaccination dis., 1798. | | | | 7.15 | 5.13 | 1.51 | 147.11 | 5.17 | 1.46 | 6.56 | 32 | 1.25 |

JEWISH CALENDAR, 5639.—January 25, Rosh Hodesh Shevat.

They were talking about the weight of certain individuals in a certain family, and the daughter's young man spoke up before he thought and said, "I tell you that Jenny ain't so very light neither, though she looks so." And then the old man looked over his spectacles, and Jenny looked at a chromo on the wall intently, and John—well, he wished he hadn't said any thing.

Each leaf has a colony of insects grazing on it like cows in a meadow.

Government land costs one dollar and twenty-five cents an acre, and whisky two dollars a bottle; and yet there are some who prefer whisky to land.































"The grate mass of mankind go out of this world just as they cum into it, unknown even to themselves; and what they ever cum here for at all iz a mystery which we shall know more about by-and-by."—Josh Billings.

Disappointment lurks in many a prize.

2d Month.

FEBRUARY, 1879.

28 Days.

| MOON'S PHASES. | | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Slow. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|-------------------------------|-----|--|----|--------------------|---------------------|---|---|--------------|---------------|-----------|---|--------------|---------------|--|--------------|---------------|
| D | D | Phenomena and Important Events | | | S. | | Sun rises | Sun sets. | Moon sets. | | Sun rises | Sun sets. | Moon sets. | Sun rises | Sun sets. | Moon sets. |
| M | W | | | | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| 1 | Sat | Slavery abol. in U. S., 1865. | | | |  | 7.14 | 5.14 | 2.54 | 14 | 7.10 | 5.18 | 2.48 | 6.55 | 5.33 | 2.23 |
| 5) 4th Sunday after Epiphany. | | | | | | | 10h. 17m. | | | | Day's length, 10h. 40m. | | | | | |
| 2 | Su | Purif. Candlemas. | | | |  | 7.13 | 5.15 | 3.53 | 14 | 7. 9 | 5.19 | 3.47 | 6.54 | 5.34 | 3.20 |
| 3 | Mo | H. Greeley born, 1811. | | | |  | 7.12 | 5.17 | 4.48 | 14 | 7. 8 | 5.20 | 4.41 | 6.54 | 5.35 | 4.14 |
| 4 | Tu | ☿ in aphelion. | | | |  | 7.10 | 5.18 | 5.35 | 14 | 7. 7 | 5.21 | 5.29 | 6.53 | 5.36 | 5. 4 |
| 5 | We | Robert Peel born, 1783. | | | |  | 7. 9 | 5.19 | 6.15 | 14 | 7. 6 | 5.23 | 6.10 | 6.52 | 5.37 | 5.49 |
| 6 | Th |  6th. France rec. U.S. | | | |  | 7. 8 | 5.21 | rises. | 14 | 7. 5 | 5.24 | rises. | 6.51 | 5.38 | rises. |
| 7 | Fri |  s. 8.50 A. [1775. | | | |  | 7. 7 | 5.22 | 6.25 | 14 | 7. 4 | 5.25 | 6.27 | 6.51 | 5.38 | 6.36 |
| 8 | Sat | ☾ 40. ☾ ☽. | | | |  | 7. 6 | 5.23 | 7.40 | 14 | 7. 3 | 5.26 | 7.41 | 6.50 | 5.39 | 7.44 |
| 6) Septuagesima Sunday | | | | | | | 10h. 33m. | | | | Day's length, 10h. 51m. | | | | | |
| 9 | Su | ☾ in per. Harrison b. 1773. | | | |  | 7. 5 | 5.25 | 8.56 | 14 | 7. 1 | 5.28 | 8.56 | 6.49 | 5.40 | 8.52 |
| 10 | Mo | ☿ r. 4.16 M. ☽ s. 8.41 A. | | | |  | 7. 3 | 5.26 | 10.13 | 14 | 7. 0 | 5.29 | 10.11 | 6.48 | 5.41 | 10. 1 |
| 11 | Tu | N.Y. Har. frozen across, '71. | | | |  | 7. 2 | 5.27 | 11.30 | 14 | 6.59 | 5.30 | 11.26 | 6.47 | 5.42 | 11.11 |
| 12 | We | A. Lincoln born, 1809. [1769. | | | |  | 7. 1 | 5.28 | morn | 14 | 6.58 | 5.31 | morn | 6.46 | 5.43 | morn |
| 13 | Th |  13th. Ethan Allen d., | | | |  | 6.59 | 5.30 | 0.44 | 14 | 6.57 | 5.32 | 0.42 | 6.45 | 5.44 | 0.21 |
| 14 | Fri |  St. Valentine's day. | | | |  | 6.58 | 5.31 | 2. 0 | 14 | 6.55 | 5.34 | 1.55 | 6.44 | 5.45 | 1.30 |
| 15 | Sat | Blackstone died, 1780. | | | |  | 6.56 | 5.32 | 3. 8 | 14 | 6.54 | 5.35 | 3. 1 | 6.43 | 5.46 | 2.34 |
| 7) Sexagesima Sunday. | | | | | | | 10h. 48m. | | | | Day's length, 11h. 4m. | | | | | |
| 16 | Su | ☾ ☽ C. Dr. Kane d. 1857. | | | |  | 6.55 | 5.33 | 4. 5 | 14 | 6.53 | 5.36 | 3.59 | 6.42 | 5.46 | 3.32 |
| 17 | Mo | Columbia, S. C., burned, '65. | | | |  | 6.54 | 5.35 | 4.52 | 14 | 6.51 | 5.37 | 4.46 | 6.41 | 5.47 | 4.22 |
| 18 | Tu | Vinegar Bitters. | | | |  | 6.52 | 5.36 | 5.30 | 14 | 6.50 | 5.38 | 5.25 | 6.40 | 5.48 | 5. 5 |
| 19 | We | Thiers Pres. Fr. Repub. '71. | | | |  | 6.51 | 5.37 | 6. 0 | 14 | 6.48 | 5.39 | 5.57 | 6.39 | 5.49 | 5.41 |
| 20 | Th |  20th. ☾ ☽ ☽, ☽ C, ☽ C. | | | |  | 6.49 | 5.39 | sets | 14 | 6.47 | 5.41 | sets | 6.38 | 5.50 | sets |
| 21 | Fri |  First Am. Locomo. '19. | | | |  | 6.48 | 5.40 | 6.23 | 14 | 6.46 | 5.42 | 6.29 | 6.37 | 5.51 | 6.33 |
| 22 | Sat | ☾ ☽ C. ☾ ☽. | | | |  | 6.46 | 5.41 | 7.30 | 14 | 6.44 | 5.43 | 7.30 | 6.36 | 5.52 | 7.30 |
| 8) Quinquagesima Sunday. | | | | | | | 11h. 5m. | | | | Day's length, 11h. 17m. | | | | | |
| 23 | Su | ☾ ☽ C. Vinegar Bitters. | | | |  | 6.45 | 5.42 | 8.32 | 14 | 6.43 | 5.44 | 8.31 | 6.35 | 5.52 | 8.25 |
| 24 | Mo | Louis Philippe abd. '48 | | | |  | 6.43 | 5.44 | 9.33 | 13 | 6.41 | 5.45 | 9.31 | 6.34 | 5.53 | 9.20 |
| 25 | Tu | ☾ in apogee. Bat. Trenton, | | | |  | 6.42 | 5.45 | 10.36 | 13 | 6.40 | 5.46 | 10.32 | 6.32 | 5.54 | 10.16 |
| 26 | We | Ash Wednesday. [1776. | | | |  | 6.40 | 5.46 | 11.38 | 13 | 6.38 | 5.48 | 11.29 | 6.31 | 5.55 | 11.13 |
| 27 | Th | Longfellow born, 1807. | | | |  | 6.39 | 5.47 | morn | 13 | 6.37 | 5.49 | morn | 6.30 | 5.56 | morn |
| 28 | Fri | Bat. Long Island, 1776. | | | |  | 6.37 | 5.49 | 0.40 | 13 | 6.35 | 5.50 | 0.34 | 6.30 | 5.57 | 0.11 |

JEWISH CALENDAR, 5639.—February 24, Rosh Hodesh Adar.

What Our Coins Weigh.—One million dollars in gold weighs 3,685 5-7 pounds avoirdupois; 1,000,000 trade dollars weigh 60,000; \$1,000,000 of 412½ grains weighs 58,928 4-7; \$1,000,000 in fractional coins weighs 55,114 2-7; \$1,000,000 in five cent nickels weighs 220,457 1-7; \$1,000,000 in three cent nickels weighs 142,857 1-7; \$1,000,000 in one cent pieces weighs 685,714 2-7. A coinage of 4,000,000 of the new silver dollars per month would amount in a year to 2,828,571 3-7 pounds, or over 1,414½ tons, and if the pieces were laid side by side they would form a continuous string 1,133½ miles in length.

Be always in haste, but never in a hurry.

A Georgia man had been absent from home for two weeks. On his return he first met his little eight-year-old son. "All well, Willie?" "Yes, the very weldest kind." "Nothing happened?" "Not a thing. I've been good, Jennie's been good, and I never saw ma behave so well in all my life."

When a man is in the wrong and owns it, he admits that he is wiser to-day than yesterday; and to confess it is noble.

Standard weights of grain per bushel.—Wheat, 60 pounds; corn and rye, 56; oats, 52; Barley, 48.

3d Month.

MARCH, 1879.

31 Days.

| MOON'S PHASES. | D. | New York. H. M. | Charleston H. M. | MOON'S PLACE. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | SUN SLOW. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. |
|-------------------------|------------------------------|--------------------|---------------------|---------------|---|-----------|---|--|
| First Quarter | 1 | 3 2m. | 2 38m. | | | | | |
| Full Moon | 8 | 8 13m. | 7 49m. | | | | | |
| Third Quarter | 14 | 10 45e. | 10 21e. | | | | | |
| New Moon | 22 | 4 8e. | 3 44e. | | | | | |
| First Quarter | 30 | 8 9e. | 7 45e. | | | | | |
| D D | Phenomena | | | | Sun | Sun | Moon | |
| M W | and Important Events | | | S. | rises | sets. | sets. | Sun |
| | | | | | h. m. | h. m. | h. m. | h. m. |
| 1 Sat | Germans occupy Paris, 1871. | | | | 6.35 | 5.50 | 1.40 | 13 6.34 5.51 1.33 |
| 9) Quadragesima Sunday. | 11h. 23m. | | | | Day's length, 11h. 31m. | | | |
| 2 Su | 1st. ♂ r. 3.56 M. | | | | 6.34 | 5.51 | 2.35 | 12 6.32 5.52 2.29 |
| 3 Mo | ♂ ♀ h. | | | | 6.32 | 5.52 | 3.25 | 12 6.31 5.53 3.18 |
| 4 Tu | ♂ ☉ sup. | | | | 6.30 | 5.53 | 4. 7 | 12 6.29 5.55 4. 26 |
| 5 We | Paris Commune, 1871. | | | | 6.29 | 5.55 | 4.48 | 12 6.28 5.56 4.39 |
| 6 Th | Alamo fight, 1836. | | | | 6.27 | 5.56 | 5.14 | 11 6.26 5.57 5.12 |
| 7 Fri | Florida a State, 1844. | | | | 6.25 | 5.57 | rises. | 11 6.25 5.58 rises. |
| 8 Sat | 8th. Tornado, 1871. | | | | 6.24 | 5.58 | 6.32 | 11 6.23 5.59 6.32 |
| 10) 2d Sunday in Lent. | 11h. 41m. | | | | Day's length, 11h. 46m. | | | |
| 9 Su | ♂ in perigee. Purim. | | | | 6.22 | 5.59 | 7.50 | 11 6.21 6. 0 7.49 |
| 10 Mo | Prince of Wales married, '62 | | | | 6.20 | 6. 1 | 9.10 | 10 6.20 6. 1 9. 7 |
| 11 Tu | De Molay burned, 1313. | | | | 6.19 | 6. 2 | 10.30 | 10 6.18 6. 2 10.26 |
| 12 We | ♂ r. 3.43 M. ♀ r. 5.19 M. | | | | 6.17 | 6. 3 | 11.48 | 10 6.16 6. 3 11.42 |
| 13 Th | Death of Pocahontas, 1617. | | | | 6.15 | 6. 4 | morn | 10 6.15 6. 5 morn |
| 14 Fri | 14th. Jackson b. 1767 | | | | 6.14 | 6. 5 | 0.59 | 9 6.13 6. 6 0.53 |
| 15 Sat | ♂ ♀ h. Layard b. 1817. | | | | 6.12 | 6. 6 | 2. 1 | 9 6.11 6. 7 1.54 |
| 11) 3d Sunday in Lent. | 11h. 58m. | | | | Day's length, 12h. 0m. | | | |
| 16 Su | Morse, inventor, born, 11. | | | | 6.10 | 6. 7 | 2.51 | 9 6.10 6. 8 2.45 |
| 17 Mo | ♂ ♀ c. St. Patrick. | | | | 6. 8 | 6. 9 | 3.31 | 8 6. 8 6. 9 3.26 |
| 18 Tu | Calhoun born, 1782. | | | | 6. 7 | 6.10 | 4. 3 | 8 6. 6 6.10 4. 06 |
| 19 We | Use Vinegar Bitters. | | | | 6. 5 | 6.11 | 4.30 | 8 6. 5 6.11 4.27 |
| 20 Th | ♂ ♀ c. Spring begins. | | | | 6. 3 | 6.12 | 4.53 | 8 6. 3 6.12 4.51 |
| 21 Fri | Stamp Act rep'd, 1766 | | | | 6. 1 | 6.13 | 5.14 | 7 6. 1 6.13 5.14 |
| 22 Sat | 22d. ♂ r. 3.30 M. | | | | 6. 0 | 6.14 | sets | 7 6. 0 6.14 sets |
| 12) 4th Sunday in Lent. | 12h. 17m. | | | | Day's length, 12h. 18m. | | | |
| 23 Su | ♂ h c Bat. Winchester, '62. | | | | 5.58 | 6.15 | 7.23 | 7 5.58 6.15 7.21 |
| 24 Mo | ♂ h c | | | | 5.56 | 6.17 | 8.25 | 6 5.57 6.16 8.22 |
| 25 Tu | ♂ ♀ c. ♀ in apogee. | | | | 5.54 | 6.18 | 9.27 | 6 5.55 6.17 9.22 |
| 26 We | ♂ h c. | | | | 5.53 | 6.19 | 10.28 | 6 5.53 6.18 10.23 |
| 27 Th | Vera Cruz captured, 1847. | | | | 5.51 | 6.20 | 11.29 | 5 5.52 6.19 11.23 |
| 28 Fri | Sewing Mach. invent., 1846 | | | | 5.49 | 6.21 | morn | 5 5.50 6.20 morn |
| 29 Sat | ♂ gr. elong. E. | | | | 5.47 | 6.22 | 0.25 | 5 5.48 6.21 0.19 |
| 13) 5th Sunday in Lent. | 12h. 34m. | | | | Day's length, 12h. 29m. | | | |
| 30 Su | 30th. Treat. Paris, '56 | | | | 5.46 | 6.23 | 1.17 | 5 5.47 6.22 1.10 |
| 31 Mo | J. C. Calhoun d. 1850. | | | | 5.44 | 6.25 | 2. 1 | 4 5.45 6.24 1.55 |

JEWISH CALENDAR, 5639.—March 6, Fast of Esther. 9, Purim. 25, Rosh Hodesh Nisan.

For a willing and malignant wrong against a fellow-being, or for a direct violation of a law of one's nature, there is no forgiveness. Nature's demands are inexorable, and admit of no compromise; they will have the utmost farthing. So, for a departure from the laws of eternal right, the penalty follows the transgression to an extent commensurate with the offense.

"Cider may be a good temperance drink, but I can manage to get so drunk on it that I can't tell one of the 10 commandments from a by-law of a base-ball club."—Josh Billings.

When a man dies people inquire what property he has left behind him. Angels will ask what good deeds he has sent before him.

4th Month.

APRIL, 1879.

30 Days.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Slow. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississipp, and Louisiana. | | | |
|-----------------------------|----------------------|------------------------------|--------------------|---------------------|---------------|---|-----------|------------|-------------------------|---|-----------|------------|--|-----------|------------|------------|
| Full Moon... | Third Quarter | 13 | 9 13 m. | 8 49 m. | | Sun rises | Sun sets. | Moon sets. | | Sun rises | Sun sets. | Moon sets. | Sun rises | Sun sets. | Moon sets. | |
| Full Moon... | 6 | 2 28 e. | 5 4 e. | | | | | | | | | | | | | |
| Third Quarter | 13 | 9 13 m. | 8 49 m. | | | | | | | | | | | | | |
| New Moon... | 21 | 8 59 m. | 8 35 m. | | | | | | | | | | | | | |
| First Quarter | 30 | 9 20 m. | 8 56 m. | | | | | | | | | | | | | |
| D D | Phenomena | | | | S. | Sun rises | Sun sets. | Moon sets. | m. | Sun rises | Sun sets. | Moon sets. | m. | Sun rises | Sun sets. | Moon sets. |
| M W | and Important Events | | | | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. | | h. m. | h. m. | h. m. |
| 1 | Tu | April Fools' Day. | | | | | 5.42 | 6.26 | 2.39 | 4 | 5.43 | 6.25 | 2.33 | 5.48 | 6.20 | 2.14 |
| 2 | We | Prof. Morse d. 1872. | | | | | 5.41 | 6.27 | 3.11 | 4 | 5.42 | 6.26 | 3. 8 | 5.47 | 6.21 | 2.53 |
| 3 | Th | Washington Irving b. 1783. | | | | | 5.39 | 6.28 | 3.40 | 3 | 5.40 | 6.27 | 3.38 | 5.45 | 6.21 | 3.28 |
| 4 | Fri | U. S. First Newspaper U. S. | | | | | 5.37 | 6.29 | 4. 6 | 3 | 5.38 | 6.28 | 4. 5 | 5.44 | 6.22 | 4. 1 |
| 5 | Sat | Plato died, 347 B. C. [1704. | | | | | 5.35 | 6.30 | 4.31 | 3 | 5.37 | 6.29 | 4.32 | 5.43 | 6.23 | 4.32 |
| 14) Palm Sunday. | | | | | | 12h. 52m. | | | Day's length, 12h. 43m. | | | | | | | |
| 6 | Su | 6th. Bat. Shiloh, '62. | | | | | 5.34 | 6.31 | rises. | 2 | 5.35 | 6.30 | rises. | 5.41 | 6.24 | rises. |
| 7 | Mo | C in perigee. & stat. | | | | | 5.32 | 6.32 | 8. 3 | 2 | 5.34 | 6.31 | 7.59 | 5.40 | 6.24 | 7.43 |
| 8 | Tu | Passover. Vinegar Bitters. | | | | | 5.30 | 6.33 | 9.24 | 2 | 5.32 | 6.32 | 9.19 | 5.39 | 6.25 | 8.58 |
| 9 | We | Surrender of Gen. Lee, '65. | | | | | 5.29 | 6.35 | 10.42 | 2 | 5.30 | 6.33 | 10.35 | 5.38 | 6.26 | 10.10 |
| 10 | Th | Bonaparte abdicated, 1814. | | | | | 5.27 | 6.36 | 11.50 | 1 | 5.29 | 6.34 | 11.43 | 5.36 | 6.26 | 11.16 |
| 11 | Fri | Good Friday. | | | | | 5.25 | 6.37 | morn | 1 | 5.27 | 6.35 | morn | 5.35 | 6.27 | morn |
| 12 | Sat | Wm. M. Tweed died, 1873. | | | | | 5.24 | 6.38 | 0.46 | 1 | 5.26 | 6.36 | 0.40 | 5.34 | 6.28 | 0.15 |
| 15) Easter Sunday. | | | | | | 13h. 9m. | | | Day's length, 12h. 56m. | | | | | | | |
| 13 | Su | 13th. Bom. Paris, '71. | | | | | 5.22 | 6.39 | 1.31 | 1 | 5.24 | 6.37 | 1.25 | 5.33 | 6.29 | 1. 2 |
| 14 | Mo | Assas. Pres. Lincoln, '65 | | | | | 5.20 | 6.40 | 2. 6 | 0 | 5.22 | 6.38 | 2. 1 | 5.31 | 6.29 | 1.43 |
| 15 | Tu | C. Shakespeare b. 1564. | | | | | 5.19 | 6.41 | 2.34 | 0 | 5.21 | 6.39 | 2.31 | 5.30 | 6.30 | 2.18 |
| 16 | We | C. R. Chambers d. '71. | | | | | 5.17 | 6.42 | 2.58 | F. | 5.19 | 6.40 | 2.56 | 5.29 | 6.31 | 2.48 |
| 17 | Th | C. Inf. C. | | | | | 5.16 | 6.44 | 3.20 | 0 | 5.18 | 6.41 | 3.19 | 5.28 | 6.31 | 3.15 |
| 18 | Fri | Benj. Franklin died, 1790. | | | | | 5.14 | 6.45 | 3.40 | 1 | 5.16 | 6.42 | 3.40 | 5.27 | 6.32 | 3.42 |
| 19 | Sat | C. Bat. Lexington, 1775 | | | | | 5.12 | 6.46 | 4. 0 | 1 | 5.15 | 6.43 | 4. 2 | 5.25 | 6.33 | 4. 8 |
| 16) Low Sunday. | | | | | | 13h. 25m. | | | Day's length, 13h. 9m. | | | | | | | |
| 20 | Su | C. Nap. III. b. 1807 | | | | | 5.11 | 6.47 | 4.21 | 1 | 5.13 | 6.44 | 4.24 | 5.24 | 6.33 | 4.35 |
| 21 | Mo | 21st. C in apogee. | | | | | 5. 9 | 6.48 | sets | 1 | 5.12 | 6.45 | sets | 5.23 | 6.34 | sets |
| 22 | Tu | Russia dec. war, 1877. | | | | | 5. 8 | 6.49 | 8.22 | 2 | 5.11 | 6.46 | 8.16 | 5.22 | 6.35 | 7.56 |
| 23 | We | C. St. George. | | | | | 5. 6 | 6.50 | 9.22 | 2 | 5. 9 | 6.47 | 9.16 | 5.21 | 6.36 | 8.52 |
| 24 | Th | C. Rosh Hodesh Iyar. | | | | | 5. 5 | 6.51 | 10.20 | 2 | 5. 8 | 6.48 | 10.13 | 5.20 | 6.36 | 9.47 |
| 25 | Fri | St. Mark. | | | | | 5. 3 | 6.52 | 11.12 | 2 | 5. 6 | 6.49 | 11. 6 | 5.19 | 6.37 | 10.39 |
| 26 | Sat | Johnston sur. 1865. | | | | | 5. 2 | 6.54 | 11.57 | 2 | 5. 5 | 6.51 | 11.52 | 5.18 | 6.38 | 11.27 |
| 17) 2d Sunday after Easter. | | | | | | 13h. 42m. | | | Day's length, 13h. 22m. | | | | | | | |
| 27 | Su | Crimean war termin. 1856. | | | | | 5. 0 | 6.55 | morn | 2 | 5. 4 | 6.52 | morn | 5.17 | 6.39 | morn |
| 28 | Mo | C stat. Monroe b. 1758. | | | | | 4.59 | 6.56 | 0.37 | 3 | 5. 3 | 6.53 | 0.31 | 5.16 | 6.39 | 0.10 |
| 29 | Tu | Great Eclipse of 1652. | | | | | 4.58 | 6.57 | 1.10 | 3 | 5. 1 | 6.54 | 1. 6 | 5.15 | 6.40 | 0.49 |
| 30 | We | 30th. C. & P. | | | | | 4.56 | 6.58 | 1.38 | 3 | 5. 0 | 6.55 | 1.36 | 5.14 | 6.41 | 1.24 |

JEWISH CALENDAR, 5639.—April 8-15, Passover. 24, Rosh Hodesh Iyar.

There is nothing that so takes the starch out of a young married man, who has been wedded about a year, as to have to go to a store where there is a girl clerk that he used to keep company with, and inquire for those large sized safety pins.

Butterflies are fully feathered.

An editor offers a reward of \$5 for the best treatise on "How to make out-door life attractive to the mosquito."

When a bridegroom finds all the clothes he owns in the world hung one over the other on a hook behind the pantry door, he realizes for the first time that the honeymoon is over



































That man who knows the world will never be bashful, and that man who knows himself will never be impudent.

Red is used for danger signals on the railroads, and always means "stop." On a man's nose it ought to give the same warning.

5th Month.

MAY, 1879.

31 Days.

| MOON'S PHASES. | | | | New York. R. M. | | Charleston. R. M. | | Moon's Place. | CALENDAR FOR Boston, NewEng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississipp, and Louisiana. | | |
|---------------------------------|----------------|--|----------------|--------------------|---------|---|--------------|---------------|--|-------------------------|--------------|---------------|---|--------------|---------------|--|--|--|
| Full Moon. | Third Quarter. | New Moon. | First Quarter. | | | | | | | | | | | | | | | |
| 8 | 13 | 21 | 28 | 1 13 m. | 0 52 m. | | | | | | | | | | | | | |
| | | | | 3 40 e. | 0 18 e. | | | | | | | | | | | | | |
| | | | | 0 54 m. | 0 30 m. | | | | | | | | | | | | | |
| | | | | 6 40 e. | 6 16 e. | | | | | | | | | | | | | |
| D | D | Phenomena | | | | S. | Sun rises | Sun sets. | Moon sets. | Sun rises | Sun sets. | Moon sets. | Sun rises | Sun sets. | Moon sets. | | | |
| M | W | and Important Events | | | | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | | |
| 1 | Th | Battle of Port Gibson, 1863. | | | |  | 4.55 | 6.59 | 2. 5 | 3.45 | 6.56 | 2. 4 | 5.12 | 6.41 | 1.57 | | | |
| 2 | Fri | ♀ in perthel. ♄ ♃. [1481 | | | |  | 4.53 | 7. 0 | 2.30 | 3.45 | 6.57 | 2.30 | 5.12 | 6.42 | 2.29 | | | |
| 3 | Sat | ♀ in aph. Mahomet II. d. | | | |  | 4.52 | 7. 1 | 3. 1 | 3.45 | 6.58 | 2.57 | 5.11 | 6.43 | 3. 4 | | | |
| 18) 3d Sunday after Easter. | | | | | | | 13h. 57m. | | | Day's length, 13h. 34m. | | | | | | | | |
| 4 | Su | Surrender of Vicksburg, '63. | | | |  | 4.51 | 7. 3 | 3.23 | 3.45 | 6.59 | 3.26 | 5.10 | 6.44 | 3.37 | | | |
| 5 | Mo | Death Nap. Bonaparte, 1821 | | | |  | 4.49 | 7. 4 | rises. | 3.45 | 7. 0 | rises. | 5. 9 | 6.44 | rises. | | | |
| 6 | Tu |  6th. ♄ in perigee. | | | |  | 4.48 | 7. 5 | 8.14 | 4.45 | 7. 1 | 8. 8 | 5. 8 | 6.45 | 7.45 | | | |
| 7 | We |  Sitting Bull defeat. '77 | | | |  | 4.47 | 7. 6 | 9.29 | 4.45 | 7. 2 | 9.22 | 5. 7 | 6.46 | 8.56 | | | |
| 8 | Th | ♂ stat. Dante b. 1265. | | | |  | 4.46 | 7. 7 | 10.32 | 4.45 | 7. 3 | 10.26 | 5. 6 | 6.47 | 10. 0 | | | |
| 9 | Fri | ♂ 7. O'ng Pac. R.R. '69, a | | | |  | 4.45 | 7. 8 | 11.23 | 4.44 | 7. 4 | 11.18 | 5. 5 | 6.47 | 10.54 | | | |
| 10 | Sat | Capture Jeff. Davis, 1865. | | | |  | 4.43 | 7. 9 | morn | 4.44 | 7. 5 | 11.59 | 5. 4 | 6.48 | 11.39 | | | |
| 19) 4th Sunday after Easter. | | | | | | | 14h. 11m. | | | Day's length, 13h. 45m. | | | | | | | | |
| 11 | Su | 33d day of Omer. [1780. | | | |  | 4.42 | 7.10 | 0. 3 | 4.44 | 7. 6 | morn | 5. 4 | 6.49 | morn | | | |
| 12 | Mo |  12th. Sur. Charleston, | | | |  | 4.41 | 7.11 | 0.35 | 4.44 | 7. 7 | 0.32 | 5. 3 | 6.50 | 0.17 | | | |
| 13 | Tu | Jamestown, Va., set. | | | |  | 4.40 | 7.12 | 1. 1 | 4.44 | 7. 8 | 0.59 | 5. 2 | 6.50 | 0.49 | | | |
| 14 | We | ♂ 4. ♂ 5. ♄. [1607. | | | |  | 4.39 | 7.13 | 1.24 | 4.43 | 7. 9 | 1.23 | 5. 1 | 6.51 | 1.18 | | | |
| 15 | Th | ♂ gr. elong. W. | | | |  | 4.38 | 7.14 | 1.45 | 4.42 | 7.10 | 1.45 | 5. 1 | 6.52 | 1.45 | | | |
| 16 | Fri | Take Vinegar Bitters. | | | |  | 4.37 | 7.15 | 2. 5 | 4.42 | 7.11 | 2. 7 | 5. 0 | 6.52 | 2.11 | | | |
| 17 | Sat | ♂ 4. ♀ John Jay d. 1829. | | | |  | 4.36 | 7.16 | 2.26 | 4.41 | 7.12 | 2.29 | 4.59 | 6.53 | 2.38 | | | |
| 20) Rogation Sunday. | | | | | | | 14h. 27m. | | | Day's length, 13h. 55m. | | | | | | | | |
| 18 | Su | ♂ 5. ♄ in apogee. | | | |  | 4.35 | 7.17 | 2.49 | 4.40 | 7.13 | 2.52 | 4.59 | 6.54 | 3. 7 | | | |
| 19 | Mo | Anne Boleyn behead. 1536. | | | |  | 4.34 | 7.18 | 3.15 | 4.39 | 7.14 | 3.19 | 4.58 | 6.54 | 3.38 | | | |
| 20 | Tu | Columbus died, 1506. [1851. | | | |  | 4.33 | 7.19 | sets | 4.38 | 7.15 | sets | 4.58 | 6.55 | sets | | | |
| 21 | We |  21st. Lafayette died, | | | |  | 4.33 | 7.20 | 8.14 | 4.37 | 7.16 | 8. 8 | 4.57 | 6.56 | 7.42 | | | |
| 22 | Th |  Ascension Day. | | | |  | 4.32 | 7.21 | 9. 8 | 4.37 | 7.16 | 9. 2 | 4.56 | 6.56 | 8.36 | | | |
| 23 | Fri | ♂ gr. hel. lat. S. | | | |  | 4.31 | 7.22 | 9.56 | 4.36 | 7.17 | 9.50 | 4.56 | 6.57 | 9.25 | | | |
| 24 | Sat | ♂ 6. ♀ gr. hel. lat. N. | | | |  | 4.30 | 7.23 | 10.37 | 4.35 | 7.18 | 10.31 | 4.55 | 6.58 | 10. 9 | | | |
| 21) 1st Sunday after Ascension. | | | | | | | 14h. 34m. | | | Day's length, 14h. 3m. | | | | | | | | |
| 25 | Su | R. W. Emerson b. 1803. | | | |  | 4.29 | 7.24 | 11.11 | 4.35 | 7.19 | 11. 7 | 4.55 | 6.58 | 10.49 | | | |
| 26 | Mo | First Am. Bank estab. 1781. | | | |  | 4.28 | 7.25 | 11.41 | 4.34 | 7.20 | 11.38 | 4.55 | 6.59 | 11.24 | | | |
| 27 | Tu | Sur. Paris Commune, 1871. | | | |  | 4.28 | 7.26 | morn | 4.33 | 7.21 | morn | 4.54 | 7. 0 | 11.57 | | | |
| 28 | We |  28th. Feast of Weeks | | | |  | 4.27 | 7.27 | 0. 7 | 4.33 | 7.21 | 0. 6 | 4.54 | 7. 0 | morn | | | |
| 29 | Th | ♄ ♃. Gen. Scott, d. '66 | | | | | 4.27 | 7.27 | 0.31 | 4.32 | 7.22 | 0.31 | 4.53 | 7. 1 | 0.28 | | | |
| 30 | Fri | Decoration Day. | | | | | 4.26 | 7.28 | 0.56 | 4.32 | 7.23 | 0.57 | 4.53 | 7. 2 | 1. 0 | | | |
| 31 | Sat | Bat. of Seven Pines, 1862. | | | | | 4.26 | 7.29 | 1.22 | 4.31 | 7.24 | 1.24 | 4.53 | 7. 2 | 1.32 | | | |

JEWISH CALENDAR, 5639.—May 11, Thirty-third day of Omer. 23, Mesh
Hodesh Sivan. 28, Feast of Weeks.

An old dorky fishing on a wharf at Galveston was heard talking to the fish he saw swimming around his line in this fashion: "Give me a bite, honey; de children am a-crying down to my house, and I tell you it's fish or nothing in dat establishment."

To tell your own secrets is folly; to tell those which have been entrusted to you is treachery.

Each drop of stagnant water contains a world of living creatures, swimming with as much liberty as whales in the sea.

Ages of Animals.—Cat, 15 years; cow, 20; deer, 20; dog, 15; elephant, 400; horse, 30; sheep, 10; hog, 20.

Whenever you have anything to do, do it!

| MOON'S PHASES. | | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|----------------|----|-----------------------------------|----|--------------------|---------------------|---------------|---|-----------------------|------------------------|-----------|---|-----------------------|------------------------|--|-----------------------|------------------------|
| Full Moon... | 4 | 8 40 m. | 8 | 16 m. | | | Sun rises h. m. | Sun sets. h. m. | Moon sets. h. m. | m. | Sun rises h. m. | Sun sets. h. m. | Moon sets. h. m. | Sun rises h. m. | Sun sets. h. m. | Moon sets. h. m. |
| Third Quarter | 11 | 12 0 n. | 11 | 36 m. | | | | | | | | | | | | |
| New Moon... | 19 | 3 23 e. | 2 | 59 e. | | | | | | | | | | | | |
| First Quarter. | 27 | 1 0 m. | 0 | 36 m. | | | | | | | | | | | | |
| D | D | Phenomena and Important Events | | | | S. | Sun rises h. m. | Sun sets. h. m. | Moon sets. h. m. | m. | Sun rises h. m. | Sun sets. h. m. | Moon sets. h. m. | Sun rises h. m. | Sun sets. h. m. | Moon sets. h. m. |
| M | W | | | | | | | | | | | | | | | |

22) Pentecost—Whitsunday. 14h. 43m. Day's length, 14h. 10m.

| | | | | | | | | | | | | |
|-------|----------------------------|--|------|------|--------|---|------|------|--------|------|-----|--------|
| 1 Su | J. G. Bennett died, 1872. | | 4.25 | 7.30 | 1.50 | 2 | 4.31 | 7.25 | 1.54 | 4.53 | 7.3 | 2.18 |
| 2 Mo | ☐ ☉. Bat. Cold Harbor, '64 | | 4.25 | 7.31 | 2.24 | 2 | 4.30 | 7.25 | 2.29 | 4.52 | 7.3 | 2.49 |
| 3 Tu | ☾ in perigee. | | 4.24 | 7.31 | rises. | 2 | 4.30 | 7.26 | rises. | 4.52 | 7.4 | rises. |
| 4 We | 4th. Bat. Magenta, '59 | | 4.24 | 7.32 | 8.13 | 2 | 4.30 | 7.27 | 8.6 | 4.52 | 7.4 | 7.40 |
| 5 Th | Fenians inv. Can. '74. | | 4.24 | 7.33 | 9.11 | 2 | 4.29 | 7.27 | 9.5 | 4.52 | 7.5 | 8.40 |
| 6 Fri | Capture of Memphis, 1862. | | 4.23 | 7.34 | 9.58 | 2 | 4.29 | 7.28 | 9.53 | 4.51 | 7.5 | 9.31 |
| 7 Sat | Mahomet d. 632. | | 4.23 | 7.34 | 10.34 | 1 | 4.29 | 7.29 | 10.30 | 4.51 | 7.6 | 10.13 |

23) Trinity Sunday. 14h. 49m. Day's length, 14h. 15m.

| | | | | | | | | | | | | |
|--------|-------------------------------|--|------|------|-------|---|------|------|-------|------|-----|-------|
| 8 Su | 1st paper money N. Y., 1709. | | 4.23 | 7.35 | 11.2 | 1 | 4.28 | 7.29 | 11.0 | 4.51 | 7.6 | 10.48 |
| 9 Mo | Jerusalem besieged, 1099. | | 4.23 | 7.35 | 11.27 | 1 | 4.28 | 7.30 | 11.26 | 4.51 | 7.7 | 11.19 |
| 10 Tu | ☾ ☿. ☾ ☿. | | 4.23 | 7.36 | 11.49 | 1 | 4.28 | 7.30 | 11.48 | 4.51 | 7.7 | 11.47 |
| 11 We | 11th. St. Barnabas. | | 4.22 | 7.37 | morn | 1 | 4.28 | 7.31 | morn | 4.51 | 7.8 | morn |
| 12 Th | ☾ ☿ ☿. Corpus Christi. | | 4.22 | 7.37 | 0.9 | 0 | 4.28 | 7.31 | 0.10 | 4.51 | 7.8 | 0.13 |
| 13 Fri | ☾ ☿ ☿. Slave Act repeal, '64. | | 4.22 | 7.38 | 0.30 | 0 | 4.28 | 7.31 | 0.32 | 4.51 | 7.9 | 0.40 |
| 14 Sat | Battle of Marengo, 1800. | | 4.22 | 7.38 | 0.52 | 0 | 4.28 | 7.32 | 0.55 | 4.51 | 7.9 | 1.8 |

24) 1st Sunday after Trinity. 14h. 53m. Day's length, 14h. 18m.

| | | | | | | | | | | | | |
|--------|------------------------------|--|------|------|------|----|------|------|------|------|------|------|
| 15 Su | ☾ in apo. ☿ gr. hel. lat. S. | | 4.22 | 7.38 | 1.17 | S. | 4.28 | 7.33 | 1.21 | 4.51 | 7.9 | 1.38 |
| 16 Mo | ☿ in perihel. | | 4.22 | 7.39 | 1.45 | 0 | 4.28 | 7.33 | 1.50 | 4.51 | 7.10 | 2.12 |
| 17 Tu | Battle of Bunker Hill, 1775. | | 4.22 | 7.39 | 2.19 | 1 | 4.28 | 7.33 | 2.26 | 4.51 | 7.10 | 2.50 |
| 18 We | ☾ ☿ ☿ sup. Bat. Wat'loo, '15 | | 4.22 | 7.39 | 2.59 | 1 | 4.28 | 7.34 | 3.6 | 4.52 | 7.10 | 3.34 |
| 19 Th | 19th. ☾ ☿ ☿. | | 4.22 | 7.39 | sets | 1 | 4.28 | 7.34 | sets | 4.52 | 7.11 | sets |
| 20 Fri | Take Vinegar Bitters. | | 4.23 | 7.40 | 8.37 | 1 | 4.28 | 7.34 | 8.31 | 4.52 | 7.11 | 8.8 |
| 21 Sat | ☾ ent ☿. Summer begins. | | 4.23 | 7.40 | 9.13 | 1 | 4.29 | 7.35 | 9.9 | 4.52 | 7.11 | 8.50 |

25) 2d Sunday after Trinity. 14h. 54m. Day's length, 14h. 19m.

| | | | | | | | | | | | | |
|--------|-------------------------------|--|------|------|-------|---|------|------|-------|------|------|-------|
| 22 Su | Mollie Maguires hung, 1877. | | 4.23 | 7.40 | 9.45 | 2 | 4.29 | 7.35 | 9.41 | 4.52 | 7.11 | 9.27 |
| 23 Mo | ☾ ☿ ☿. Bat. Solferino, 1859. | | 4.23 | 7.40 | 10.12 | 2 | 4.29 | 7.35 | 10.10 | 4.53 | 7.11 | 10.0 |
| 24 Tu | St. John the Baptist. | | 4.23 | 7.41 | 10.36 | 2 | 4.29 | 7.35 | 10.35 | 4.53 | 7.11 | 10.81 |
| 25 We | ☾ ☿ ☿. Bat. Lundy's Lane, '13 | | 4.23 | 7.41 | 11.0 | 2 | 4.30 | 7.35 | 11.0 | 4.53 | 7.12 | 11.1 |
| 26 Th | ☿ gr. hel. lat. N. [1868.] | | 4.24 | 7.41 | 11.24 | 3 | 4.30 | 7.35 | 11.25 | 4.54 | 7.12 | 11.32 |
| 27 Fri | 27th. Adm. Foote d. | | 4.24 | 7.41 | 11.50 | 3 | 4.31 | 7.35 | 11.53 | 4.54 | 7.12 | morn |
| 28 Sat | Victoria crowned, '78. | | 4.24 | 7.41 | morn | 3 | 4.31 | 7.35 | morn | 4.54 | 7.12 | 0.5 |

26) 3d Sunday after Trinity. 14h. 52m. Day's length, 14h. 17m.

| | | | | | | | | | | | | |
|-------|------------------------------|--|------|------|------|---|------|------|------|------|------|------|
| 29 Su | St. Peter. H. Clay d. 1851. | | 4.25 | 7.41 | 0.20 | 3 | 4.31 | 7.35 | 0.25 | 4.55 | 7.12 | 0.43 |
| 30 Mo | ☾ ☿ ☿. Printing inven. 1414. | | 4.25 | 7.41 | 1.1 | 3 | 4.32 | 7.35 | 1.7 | 4.55 | 7.12 | 1.30 |

JEWISH CALENDAR, 5639.—June 22, Rosh Hodesh Tamuz.

Reasons of the man who talked to himself :
Why do you talk to yourself?
For two reasons : First, because I like to talk to a sensible man ; and, second, because I like to hear a sensible man talk.

"Press criticism is a Turkish towel with which every public man needs to be rubbed every day in order to create a circulation."—*Tut-mage*.

My father used to say that there were two things men should never worry at—First, whatever they cannot help ; second, whatever they can help. That's all there is in it.

Children should be taught to do right because it is right to do right, and not from any hope of reward or fear of punishment. "Virtue is its own reward." This is a pretty good principle to govern grown people also.

7th Month.

JULY, 1879.

31 Days.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston. H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | Sun Slow. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsylv- ania, Ohio and Illinois. | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | | | | | |
|-------------------------------|-----|-------------------------------|--------------------|----------------------|---------------|---|-----------|---|--|---------|-------------|---------------|----------|---------|----------------|
| Full Moon... | 3 | 4 42 e. | 4 18 e. | Third Quarter | | 11 | | 3 58 m. | | 3 31 m. | New Moon... | 19 | 4 10 m. | 3 46 m. | First Quarter. |
| D | D | Phenomena | | | S. | Sun | Sun | Moon | Sun | Sun | Moon | Sun | Sun | Moon | |
| M | W | and Important Events | | | | rises | sets. | sets. | | rises | sets. | | sets. | rises | sets. |
| | | | | | | h. m. | h. m. | h. m. | | h. m. | h. m. | | h. m. | h. m. | |
| 1 | Tu | ☾ in perigee. 2 stat. | | | | 4.27 | 7.41 | 1.44 | 4 | 4.32 | 7.35 | 1.51 | 4.55 | 7.12 | 2.18 |
| 2 | We | ☉ gr. dia. from ☉. [1863. | | | | 4.27 | 7.41 | 2.42 | 4 | 4.33 | 7.35 | 2.49 | 4.56 | 7.12 | 3.18 |
| 3 | Th | ☾ 3d. Bat. Gettysburg, | | | | 4.28 | 7.40 | rises. | 4 | 4.33 | 7.35 | rises. | 4.56 | 7.12 | rises. |
| 4 | Fri | ☾ Independence Day. | | | | 4.28 | 7.40 | 8.29 | 4 | 4.34 | 7.34 | 8.24 | 4.57 | 7.12 | 8. 5 |
| 5 | Sat | Battle of Carthage, 1861. | | | | 4.29 | 7.40 | 9. 1 | 4 | 4.35 | 7.34 | 8.58 | 4.57 | 7.12 | 8.44 |
| 27) 4th Sunday after Trinity. | | | | | | 14h. 47m. | | Day's length, 14h. 13m. | | | | | | | |
| 6 | Su | Russians cross the Danube, | | | | 4.30 | 7.40 | 9.28 | 4 | 4.35 | 7.34 | 9.26 | 4.58 | 7.11 | 9.17 |
| 7 | Mo | ☐ 2. Vinegar Bitters. '77 | | | | 4.30 | 7.39 | 9.51 | 5 | 4.36 | 7.34 | 9.50 | 4.58 | 7.11 | 9.47 |
| 8 | Tu | ☐ 4. ☉. | | | | 4.31 | 7.39 | 10.13 | 5 | 4.36 | 7.33 | 10.13 | 4.59 | 7.11 | 10.14 |
| 9 | We | ☉ in perihel. Z. Taylor d.'50 | | | | 4.32 | 7.38 | 10.37 | 5 | 4.37 | 7.33 | 10.35 | 4.59 | 7.11 | 10.41 |
| 10 | Th | Tobacco intro. in Eng. 1586 | | | | 4.32 | 7.38 | 10.55 | 5 | 4.38 | 7.33 | 10.58 | 5. 07.11 | 11. 9 | |
| 11 | Fri | ☾ 11th. ☐ 4. ☉. | | | | 4.33 | 7.37 | 11.18 | 5 | 4.38 | 7.32 | 11.22 | 5. 07.10 | 11.38 | |
| 12 | Sat | ☾ in apogee. | | | | 4.34 | 7.37 | 11.45 | 5 | 4.39 | 7.32 | 11.50 | 5. 17.10 | morn | |
| 28) 5th Sunday after Trinity. | | | | | | 14h. 40m. | | Day's length, 14h. 9m. | | | | | | | |
| 13 | Su | Bernouille died, 1807. | | | | 4.35 | 7.36 | morn | 5 | 4.40 | 7.31 | morn | 5. 17.10 | 0.10 | |
| 14 | Mo | French Rev. com. 1789. | | | | 4.35 | 7.36 | 0.17 | 6 | 4.41 | 7.31 | 0.23 | 5. 27. 9 | 0.47 | |
| 15 | Tu | Fall of Jerusalem, 1099. | | | | 4.36 | 7.35 | 0.56 | 6 | 4.41 | 7.30 | 1. 35. 37. 9 | 1.29 | | |
| 16 | We | ☉ gr. elong. E. | | | | 4.37 | 7.35 | 1.43 | 6 | 4.42 | 7.29 | 1.55 | 5. 37. 9 | 2.18 | |
| 17 | Th | John Jacob Astor b. 1763. | | | | 4.38 | 7.34 | 2.38 | 6 | 4.43 | 7.29 | 2.52 | 5. 47. 8 | 3.12 | |
| 18 | Fri | ☉ eclipsed, invisible. | | | | 4.39 | 7.33 | sets | 6 | 4.44 | 7.28 | sets | 5. 47. 8 | sets | |
| 19 | Sat | 19th. | | | | 4.40 | 7.32 | 7.47 | 6 | 4.45 | 7.27 | 7.43 | 5. 57. 7 | 7.27 | |
| 29) 6th Sunday after Trinity. | | | | | | 14h. 31m. | | Day's length, 14h. 1m. | | | | | | | |
| 20 | Su | ☉ ☉. ☉ ☉. | | | | 4.41 | 7.32 | 8.16 | 6 | 4.46 | 7.27 | 8.13 | 5. 67. 7 | 8. 2 | |
| 21 | Mo | ☉ ☉. Bat. Bull Run, 1861. | | | | 4.42 | 7.31 | 8.41 | 6 | 4.46 | 7.26 | 8.40 | 5. 67. 6 | 8.34 | |
| 22 | Tu | ☐ 5. ☉. ☉ ☉. | | | | 4.43 | 7.30 | 9. 5 | 6 | 4.47 | 7.25 | 9. 55. 77. 6 | 9. 5 | | |
| 23 | We | Entire Nat. Guard ord. out. | | | | 4.43 | 7.29 | 9.29 | 6 | 4.48 | 7.24 | 9.31 | 5. 87. 5 | 9.36 | |
| 24 | Th | Ex-Pres. Van Buren d. '62. | | | | 4.44 | 7.28 | 9.54 | 6 | 4.49 | 7.24 | 9.57 | 5. 87. 4 | 10. 8 | |
| 25 | Fri | ☾ St. James. | | | | 4.45 | 7.27 | 10.23 | 6 | 4.50 | 7.23 | 10.27 | 5. 97. 4 | 10.43 | |
| 26 | Sat | 26th. Dog days. | | | | 4.46 | 7.26 | 10.58 | 6 | 4.51 | 7.22 | 11. 35.107. 3 | 11.24 | | |
| 30) 7th Sunday after Trinity. | | | | | | 14h. 20m. | | Day's length, 13h. 53m. | | | | | | | |
| 27 | Su | ☉ gr. elong. E. ☉ in perigee | | | | 4.47 | 7.25 | 11.39 | 6 | 4.52 | 7.21 | 11.45 | 5.107. 3 | morn | |
| 28 | Mo | Bat. Talavera, 1809. | | | | 4.48 | 7.24 | morn | 6 | 4.53 | 7.20 | morn | 5.117. 2 | 0.11 | |
| 29 | Tu | ☉ stat. Savannah Riot, '72. | | | | 4.49 | 7.23 | 0.31 | 6 | 4.54 | 7.19 | 0.38 | 5.127. 1 | 1. 0 | |
| 30 | We | ☉ in aph. Wm. Penn d. 1718 | | | | 4.50 | 7.22 | 1.33 | 6 | 4.55 | 7.18 | 1.40 | 5.127. 0 | 2. 8 | |
| 31 | Th | Russian repulse, Plevna, '77. | | | | 4.51 | 7.21 | 2.43 | 6 | 4.56 | 7.17 | 2.49 | 5.136.59 | 3.15 | |

JEWISH CALENDAR, 5639.—July 8, Fast of Tamuz. 21, Rosh

Hodesh Ab. 24, Fast of Ab.

A family of emigrants, on the way to Texas, camped over night. In the morning the man packed all the things in the wagon to continue the journey, except his aged mother-in-law, whom he left at the side of the road. However, a mob compelled him to take her along.

Sentimental young grammarians are very apt to parse "love" as a "fine night verb."

A Staff Commander was inspecting an English yeomanry regiment on outpost duty. "What are you doing here, my man?" he asked a vedette. "Mackin' a danged fule of myself, sir." "How so?" "Why, I should be at home carryin' hay." His heart was not in that parade.

Press, Pulpit and Petticoats—Three ruling powers.

8th Month.

AUGUST, 1879.

31 Days.

| MOON'S PHASES. | | | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Slow. | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|----------------|----|---------------------------------------|--------------------|---------------------|---------------|---|-------|--------|-----------|---|----------|----------|--|-------|-------------------------|
| D. | D. | | | | | Sun | Sun | Moon | | Sun | Sun | Moon | Sun | Sun | Moon |
| M | W | and Phenomena and Important Events | | | | rises | sets. | rises. | | rises | sets. | rises. | rises | sets. | rises. |
| | | | | | | h. m. | h. m. | h. m. | m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Full Moon... | 2 | 2 16 m. | | 1 52 m. | | | | | | | | | | | |
| Third Quarter | 9 | 9 13 e. | | 8 49 e. | | | | | | | | | | | |
| New Moon... | 17 | 8 14 e. | | 2 50 e. | | | | | | | | | | | |
| First Quarter | 24 | 10 16 m. | | 9 52 m. | | | | | | | | | | | |
| Full Moon... | 31 | 2 2 e. | | 1 38 e. | | | | | | | | | | | |
| 1 Fri | | Riot at Scranton, Pa. | | | | 4.52 | 7.20 | rises. | 6 | 4.56 | 7.16 | rises. | 5.14 | 6.59 | rises. |
| 2 Sat | | 2d. [1877.] | | | | 4.53 | 7.19 | 7.28 | 6 | 4.57 | 7.15 | 7.26 | 5.14 | 6.58 | 7.14 |
| 31 | | 8th Sunday after Trinity. | | | | 14h. 7m. | | | | | | | | | Day's length, 13h. 42m. |
| 3 Su | | Crown Point taken, 1759. | | | | 4.54 | 7.18 | 7.53 | 6 | 4.58 | 7.14 | 7.52 | 5.15 | 6.57 | 7.46 |
| 4 Mo | | ♂ ♀. ☐ ♀. ☐. | | | | 4.55 | 7.16 | 8.15 | 6 | 4.59 | 7.12 | 8.15 | 5.16 | 6.56 | 8.14 |
| 5 Tu | | Russian defeat. Lovatz, '77. | | | | 4.57 | 7.15 | 8.36 | 6 | 5. 07.11 | 8.38 | 5.16 | 6.55 | 8.42 | |
| 6 We | | Ben. Johnson d. 1637. [480 B.C.] | | | | 4.58 | 7.14 | 8.58 | 6 | 5. 17.10 | 9. 05.17 | 6.54 | 9. 9 | 9.38 | |
| 7 Th | | ♂ ♀. Bat. Thermopylæ, | | | | 4.59 | 7.13 | 9.22 | 6 | 5. 27. 9 | 9.24 | 5.18 | 6.53 | 9.38 | |
| 8 Fri | | 9th, ♀ stat. | | | | 5. 07.11 | 9.46 | | 5 | 5. 37. 8 | 9.51 | 5.18 | 6.52 | 10. 9 | |
| 9 Sat | | 9th. ♂ ♀. ♀ in apo. | | | | 5. 17.10 | 10.16 | | 5 | 5. 47. 6 | 10.22 | 5.19 | 6.51 | 10.44 | |
| 32 | | 9th Sunday after Trinity. | | | | 13h. 52m. | | | | | | | | | Day's length, 13h. 30m. |
| 10 Su | | Storming of Tuilleries, 1792 | | | | 5. 27. 9 | 10.52 | | 5 | 5. 57. 5 | 10.58 | 5.20 | 6.50 | 11.24 | |
| 11 Mo | | Try Vinegar Bitters. | | | | 5. 37. 7 | 11.35 | | 5 | 5. 67. 4 | 11.42 | 5.21 | 6.49 | morn | |
| 12 Tu | | Treaty of Passau, 1552. | | | | 5. 47. 6 | morn | | 5 | 5. 77. 2 | morn | 5.21 | 6.48 | 0. 9 | |
| 13 We | | Battle of Blenheim, 1704. | | | | 5. 57. 4 | 0.26 | | 5 | 5. 87. 1 | 0.33 | 5.22 | 6.47 | 1. 1 | |
| 14 Th | | Death of Ad. Farragut, 1870 | | | | 5. 67. 3 | 1.25 | | 4 | 5. 97. 0 | 1.32 | 5.23 | 6.46 | 1.58 | |
| 15 Fri | | Assumption. [1777.] | | | | 5. 77. 2 | 2.31 | | 4 | 5.10 | 6.58 | 2.36 | 5.23 | 6.45 | 3. 5 |
| 16 Sat | | ♀ stat. Bat. Bennington, | | | | 5. 87. 0 | 3.40 | | 4 | 5.11 | 6.57 | 3.44 | 5.24 | 6.44 | 4. 3 |
| 33 | | 10th Sunday after Trinity. | | | | 13h. 37m. | | | | | | | | | Day's length, 13h. 18m. |
| 17 Su | | 17th. Frederick the | | | | 5. 96.59 | sets | | 4 | 5.12 | 6.56 | sets | 5.25 | 6.43 | sets |
| 18 Mo | | ♂ ♀. [Great d. 1784.] | | | | 5.10 | 6.57 | 7.39 | 4 | 5.13 | 6.54 | 7. 85.25 | 6.42 | 7. 6 | |
| 19 Tu | | ♀ greatest brilliancy. | | | | 5.11 | 6.56 | 7. 4 | 3 | 5.14 | 6.53 | 7.34 | 5.26 | 6.41 | 7.37 |
| 20 We | | ♂ ♀. ♀ gr. hel. lat. S. | | | | 5.12 | 6.54 | 7.59 | 3 | 5.15 | 6.52 | 8. 25.27 | 6.40 | 8.10 | |
| 21 Th | | Torture abol. France, 1770. | | | | 5.13 | 6.52 | 8.27 | 3 | 5.16 | 6.50 | 8.31 | 5.27 | 6.39 | 8.45 |
| 22 Fri | | ♀ in perigee. ♀ in aph. | | | | 5.15 | 6.51 | 9. 0 | 3 | 5.17 | 6.48 | 9. 55.28 | 6.37 | 9.25 | |
| 23 Sat | | ♂ ♀. inf. | | | | 5.16 | 6.49 | 9.39 | 2 | 5.18 | 6.47 | 9.45 | 5.29 | 6.36 | 10.10 |
| 34 | | 11th Sunday after Trinity. | | | | 13h. 21m. | | | | | | | | | Day's length, 13h. 6m. |
| 24 Su | | 24th. | | | | 5.17 | 6.48 | 10.27 | 2 | 5.19 | 6.45 | 10.34 | 5.29 | 6.35 | 11. 2 |
| 25 Mo | | Bat. Saragossa, 1710. | | | | 5.18 | 6.46 | 11.25 | 2 | 5.20 | 6.44 | 11.32 | 5.30 | 6.34 | morn |
| 26 Tu | | Stamp Act riot, Bost. 1768. | | | | 5.19 | 6.45 | morn | 2 | 5.21 | 6.42 | morn | 5.31 | 6.33 | 0. 1 |
| 27 We | | Bat. Long Island, 1776. | | | | 5.20 | 6.43 | 0.31 | 1 | 5.22 | 6.41 | 0.37 | 5.31 | 6.31 | 1. 1 |
| 28 Th | | ♂ ♀. Leigh Hunt d. 1859. | | | | 5.21 | 6.41 | 1.41 | 1 | 5.23 | 6.39 | 1.47 | 5.32 | 6.30 | 2.10 |
| 29 Fri | | Bat. Rhode Island, 1778 | | | | 5.22 | 6.40 | 2.53 | 1 | 5.24 | 6.38 | 2.58 | 5.33 | 6.29 | 3.16 |
| 30 Sat | | 31st. Bunyan d. 1683 | | | | 5.23 | 6.38 | 4. 4 | 1 | 5.25 | 6.36 | 4. 7 | 5.33 | 6.28 | 4.19 |
| 35 | | 12th Sunday after Trinity. | | | | 13h. 4m. | | | | | | | | | Day's length, 12h. 52m. |
| 31 Su | | ♂ ♀. ♂ ♀. ♀ gr. brill. | | | | 5.24 | 6.36 | rises. | 0 | 5.26 | 6.34 | rises. | 5.34 | 6.26 | rises. |

JEWISH CALENDAR, 5639.—August 20, Rosh Hodesh Ellul.

Grooves.—The world in the main runs in grooves. Ninety-nine men in every hundred are imitators. "Law," itself, is but a groove established by authority, in which all individual liberty must move, if anarchy is not to take the place of liberty. It is the power to conceive a new groove more efficient than the old one, which measures the originating force of all intelligence.

Religion is the highest moral authority in human society. Said Napoleon Bonaparte, "I see in religion not the mystery of the incarnation, but the mystery of social order. It connects with Heaven an idea of equality which prevents the massacre of the rich by the poor."

He who creates a public want and fills it shows genius of high order.

9th Month.

SEPTEMBER, 1879.

30 Days.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR | Sun East. | CALENDAR | CALENDAR | | | | |
|----------------|-----|----------------------------------|--------------------|---------------------|---------------|--|-----------|--|--|-------|--------|------|------|
| | | | | | | FOR | | FOR | FOR | | | | |
| Third Quarter | 8 | 3 | 8 e. | 2 44 e. | | Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi, and Louisiana. | | | | |
| New Moon | 16 | 1 | 1 m. | 0 37 m. | | | | | | | | | |
| First Quarter | 22 | 4 | 24 e. | 4 0 c. | | | | | | | | | |
| Full Moon | 30 | 4 | 21 m. | 3 57 m. | | | | | | | | | |
| D | D | Phenomena | | | S. | Sun | Sun | Moon | Sun | Sun | Moon | | |
| M | W | and Important Events | | | | rises | sets. | rises. | rises | sets. | rises. | | |
| | | | | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | | |
| 1 | Mo | ♀ stat. | ♀ stat. | ♄ ♄. | 5.25 | 6.35 | 6.40 | 05.27 | 6.33 | 6.41 | 5.35 | 6.25 | 6.43 |
| 2 | Tu | Levitz cap. by Russians, '77 | | | 5.26 | 6.33 | 7. 2 | 05.28 | 6.31 | 7. 35 | 5.35 | 6.24 | 7.10 |
| 3 | We | ♂ h. c. Cronwell d. 1658. | | | 5.27 | 6.31 | 7.27 | 15.29 | 6.30 | 7.29 | 5.36 | 6.23 | 7.40 |
| 4 | Th | ♀ gr. hel. lat. S. Tiders d. '77 | | | 5.28 | 6.30 | 7.49 | 15.30 | 6.28 | 7.53 | 5.37 | 6.21 | 8. 9 |
| 5 | Fri | Russ. defeat on the Lom, '77 | | | 5.29 | 6.28 | 8.17 | 15.31 | 6.26 | 8.22 | 5.37 | 6.20 | 8.42 |
| 6 | Sat | ♂ h. c. ♄ in apogee. | | | 5.30 | 6.26 | 8.50 | 25.32 | 6.25 | 8.56 | 5.38 | 6.19 | 9.20 |

36) 13th Sunday after Trinity.

12h. 47m.

Day's length, 12h. 38m.

| | | | | | | | | | | | | | | |
|----|-----|-------------------------------|--|--|--|------|------|-------|-------|------|-------|------|------|-------|
| 7 | Su | ♄ ♄. Atlantic Cable laid, '65 | | | | 5.31 | 6.24 | 9.29 | 25.33 | 6.23 | 9.36 | 5.39 | 6.17 | 10. 3 |
| 8 | Mo | ♄ 8th. Boston set. 1630. | | | | 5.32 | 6.23 | 10.16 | 25.34 | 6.21 | 10.23 | 5.39 | 6.16 | 10.51 |
| 9 | Tu | ♀ gr. elong. W. | | | | 5.34 | 6.21 | 11.11 | 35.35 | 6.20 | 11.18 | 5.40 | 6.15 | 11.45 |
| 10 | We | Turk. gar. of Nicies sur. '77 | | | | 5.35 | 6.19 | morn | 35.36 | 6.18 | morn | 5.40 | 6.13 | morn |
| 11 | Th | Battle of Brandywine, 1777. | | | | 5.36 | 6.17 | 0.13 | 35.37 | 6.16 | 0.19 | 5.41 | 6.12 | 0.43 |
| 12 | Fri | ♄ in perihel. | | | | 5.37 | 6.16 | 1.20 | 45.38 | 6.15 | 1.25 | 5.42 | 6.11 | 1.45 |
| 13 | Sat | Bat. S. Mountain Gap, '62. | | | | 5.38 | 6.14 | 2.29 | 45.39 | 6.13 | 2.33 | 5.42 | 6. 9 | 2.49 |

37) 14th Sunday after Trinity.

12h. 30m.

Day's length, 12h. 26m.

| | | | | | | | | | | | | | | |
|----|-----|------------------------------|--|--|--|------|------|------|-------|------|-------|------|------|------|
| 14 | Su | ♄ ♄ c. ♀ gr. hel. lat. S. | | | | 5.39 | 6.12 | 3.41 | 45.40 | 6.11 | 3.44 | 5.43 | 6. 8 | 3.54 |
| 15 | Mo | ♄ ♄. Rebs take Harper's | | | | 5.40 | 6.10 | sets | 55.41 | 6.10 | sets | 5.43 | 6. 6 | sets |
| 16 | Tu | ♄ 16th. ♄ ♄ c. Ferry, '62 | | | | 5.41 | 6. 8 | 6. 0 | 55.42 | 6. 8 | 6. 25 | 5.44 | 6. 5 | 6. 8 |
| 17 | We | Bat. Antietam, 1862. | | | | 5.42 | 6. 7 | 6.29 | 65.43 | 9. 6 | 6.31 | 5.45 | 6. 4 | 6.44 |
| 18 | Th | ♄ in perigee. Delhi taken. | | | | 5.43 | 6. 5 | 7. 0 | 65.44 | 6. 4 | 7. 55 | 5.46 | 6. 3 | 7.23 |
| 19 | Fri | Sheridan's Ride, 1864. '157. | | | | 5.44 | 6. 3 | 7.38 | 65.45 | 6. 3 | 7.44 | 5.46 | 6. 1 | 8. 7 |
| 20 | Sat | Bat. Chickamauga, 1863. | | | | 5.45 | 6. 1 | 8.24 | 75.46 | 6. 1 | 8.31 | 5.47 | 6. 0 | 9. 1 |

38) 15th Sunday after Trinity.

12h. 12m.

Day's length, 12h. 10m.

| | | | | | | | | | | | | | | |
|----|-----|-----------------------------|--|--|--|------|------|-------|-------|------|-------|------|------|-------|
| 21 | Su | St. Matthew. | | | | 5.46 | 6. 0 | 9.20 | 75.47 | 5.59 | 9.27 | 5.48 | 5.58 | 9.56 |
| 22 | Mo | ♄ 22d. Vinegar Bitters. | | | | 5.47 | 5.58 | 10.24 | 75.48 | 5.58 | 10.31 | 5.48 | 5.57 | 10.58 |
| 23 | Tu | ♄ ♄ ♄ inf. Autumn. | | | | 5.49 | 5.56 | 11.33 | 85.49 | 5.56 | 11.39 | 5.49 | 5.56 | morn |
| 24 | We | Bat. Monterey, 1846. | | | | 5.50 | 5.54 | morn | 85.50 | 5.54 | morn | 5.50 | 5.54 | 0. 3 |
| 25 | Th | Japanese Rebel. ends, 1877. | | | | 5.51 | 5.53 | 0.44 | 85.51 | 5.53 | 0.49 | 5.50 | 5.53 | 1. 8 |
| 26 | Fri | ♄ ♄ ♄. | | | | 5.52 | 5.51 | 1.53 | 95.52 | 5.51 | 1.57 | 5.51 | 5.52 | 2.11 |
| 27 | Sat | ♄ 4 c. Strasbourg sur. '70. | | | | 5.53 | 5.49 | 3. 1 | 95.53 | 5.49 | 3. 35 | 5.52 | 5.50 | 3.12 |

39) 16th Sunday after Trinity.

11h. 55m.

Day's length, 11h. 57m.

| | | | | | | | | | | | | | | |
|----|----|------------------------------|--|--|--|------|------|--------|--------|------|--------|------|------|--------|
| 28 | Su | ♄ ♄. Bat. Marathon, 490 B.C. | | | | 5.54 | 5.47 | 4. 6 | 95.54 | 5.48 | 4. 75 | 5.52 | 5.49 | 4.11 |
| 29 | Mo | Michaelmas. | | | | 5.55 | 5.45 | rises. | 105.55 | 5.46 | rises. | 5.53 | 5.48 | rises. |
| 30 | Tu | ♄ 30th. ♂ h. c. | | | | 5.56 | 5.44 | 5.28 | 105.56 | 5.44 | 5.31 | 5.54 | 5.46 | 5.40 |

JEWS' CALENDAR, 5639.—September 14, Com. of Propitiatory Prayers.
17, New Year's Eve, 5640. 28, Rosh Hodesh Tishri.

Capacity of Cisterns in gallons for each 10 inches in depth:





| Diameter. | Capacity. | Diameter. | Capacity. |
|-----------|-----------|-----------|-----------|
| 5..... | 122 | 12..... | 705 |
| 6..... | 176 | 13..... | 827 |
| 7..... | 239 | 14..... | 959 |
| 8..... | 313 | 15..... | 1101 |
| 9..... | 396 | 20..... | 1958 |
| 10..... | 489 | 25..... | 3059 |
| 11..... | 593 | 30..... | 4408 |

In twenty-four hours the respiration of an adult person produces 10.7 cubic feet of carbonic acid gas, and removes exactly the same amount of oxygen. The amount of air required by each person is from three to four cubic feet per minute. One burning candle in a room will destroy as much oxygen as a man. Now the importance of ventilation can be understood, for impure air taken into the lungs is a fruitful source of disease.

10th Month.

OCTOBER, 1879.








31 Days.

| MOON'S PHASES. | | | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | |
|----------------|-----|-----------------------------------|--------------------|---------------------|---|---|--------------|----------------|---|--------------|----------------|--|--------------|----------------|
| D | D | | | | | Sun rises | Sun sets. | Moon rises. | Sun rises | Sun sets. | Moon rises. | Sun rises | Sun sets. | Moon rises. |
| M | W | Phenomena and Important Events | | | S. h. m. | a. h. m. | h. m. | h. m. | m. h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Third Quarter | 8 | 8 47 m. | 8 | 23 m. | | | | | | | | | | |
| New Moon | 15 | 10 13 m. | 9 | 49 m. | | | | | | | | | | |
| First Quarter | 22 | 1 23 m. | 0 | 59 m. | | | | | | | | | | |
| Full Moon | 29 | 9 13 e. | 8 | 49 e. | | | | | | | | | | |
| 1 We | | Fulton's Steamb't trip, 1807. | | |  | 5.57 | 5.42 | 5.52 | 10.57 | 5.43 | 5.56 | 5.54 | 5.46 | 6.10 |
| 2 Th | | Russian defeat at Kars, '77. | | |  | 5.58 | 5.40 | 6.19 | 11.58 | 5.41 | 6.24 | 5.55 | 5.45 | 6.43 |
| 3 Fri | | Fall of Limerick, 1691. | | |  | 6. 0 | 5.39 | 6.51 | 11.59 | 5.39 | 6.56 | 5.56 | 5.43 | 7.19 |
| 4 Sat | ♂♂♂ | ♂ in apogee. | | |  | 6. 1 | 5.37 | 7.28 | 11.6 | 0.538 | 7.34 | 5.56 | 5.41 | 8. 0 |

40) 17th Sunday after Trinity.

11h. 37m.








Day's length, 11h. 43m.

| | | | | | | | | | | | |
|--------|--------------------------|---|------|------|-------|------|-------|-------|------|------|-------|
| 5 Su | 8h 0.♂♂ sup. h bright't |  | 6. 2 | 5.35 | 8.11 | 12.6 | 1.536 | 8.18 | 5.57 | 5.40 | 8.45 |
| 6 Mo | Jenny Lind born, 1820. |  | 6. 3 | 5.33 | 9. 2 | 12.6 | 2.534 | 9. 9 | 5.58 | 5.39 | 9.36 |
| 7 Tu | Ves. Florida cap., 1864. |  | 6. 4 | 5.32 | 10. 0 | 12.6 | 3.533 | 10. 6 | 5.58 | 5.37 | 10.31 |
| 8 We | 8th. ♂ r. 7.36 A. |  | 6. 5 | 5.30 | 11. 3 | 12.6 | 4.531 | 11. 9 | 5.59 | 5.36 | 11.30 |
| 9 Th | Great Chicago Fire '71. |  | 6. 6 | 5.28 | morn | 13.6 | 5.530 | morn | 6. 0 | 5.35 | morn |
| 10 Fri | W. H. Seward died, 1872. |  | 6. 7 | 5.27 | 0. 9 | 13.6 | 6.528 | 0.14 | 6. 1 | 5.33 | 0.31 |
| 11 Sat | Try Vinegar Bitters. |  | 6. 8 | 5.25 | 1.18 | 13.6 | 7.526 | 1.22 | 6. 1 | 5.32 | 1.34 |

41) 18th Sunday after Trinity.

11h. 20m.








Day's length, 11h. 29m.

| | | | | | | | | | | | |
|--------|------------------------------|---|------|------|------|------|--------|------|------|------|------|
| 12 Su | Fisheries Commission 1877. |  | 6. 9 | 5.24 | 2.29 | 13.6 | 8.525 | 2.31 | 6. 2 | 5.31 | 2.38 |
| 13 Mo | ♂♀♂. N.Y. Banks susp. '67 |  | 6.11 | 5.22 | 3.42 | 14.6 | 9.523 | 3.43 | 6. 3 | 5.30 | 3.44 |
| 14 Tu | Wm. Penn born, 1644. |  | 6.12 | 5.20 | 4.58 | 14.6 | 10.522 | 4.57 | 6. 4 | 5.29 | 4.52 |
| 15 We | 15th. Panic of '57. |  | 6.13 | 5.19 | sets | 14.6 | 12.520 | sets | 6. 4 | 5.27 | sets |
| 16 Th | ♂♂♂. ♂ in perigee. |  | 6.14 | 5.17 | 5.33 | 14.6 | 13.519 | 5.38 | 6. 5 | 5.26 | 5.59 |
| 17 Fri | Surrend. of Burgoyne, 1777. |  | 6.16 | 5.15 | 6.17 | 15.6 | 14.517 | 6.23 | 6. 6 | 5.25 | 6.49 |
| 18 Sat | h r. 4.47 A. St. Luke, Evan. |  | 6.17 | 5.14 | 7.11 | 15.6 | 15.516 | 7.19 | 6. 7 | 5.24 | 7.46 |

42) 19th Sunday after Trinity.

11h. 2m.







Day's length, 11h. 15m.

| | | | | | | | | | | | |
|--------|----------------------------|---|------|------|-------|------|--------|-------|------|------|-------|
| 19 Su | French evac. Moscow '12. A |  | 6.18 | 5.12 | 8.14 | 15.6 | 16.514 | 8.21 | 6. 7 | 5.22 | 8.49 |
| 20 Mo | Battle Navarine, 1827. |  | 6.19 | 5.11 | 9.24 | 15.6 | 17.513 | 9.30 | 6. 8 | 5.21 | 9.55 |
| 21 Tu | Lord Nelson died, 1805. |  | 6.20 | 5. 9 | 10.35 | 15.6 | 18.511 | 10.40 | 6. 9 | 5.20 | 11. 1 |
| 22 We | 22d. Rich. III. b. 1450 |  | 6.21 | 5. 8 | 11.46 | 15.6 | 19.510 | 11.50 | 6.10 | 5.19 | morn |
| 23 Th | Irish Rebellion, 1641. |  | 6.23 | 5. 6 | morn | 16.6 | 20.5 9 | morn | 6.11 | 5.18 | 0. 5 |
| 24 Fri | ♂♀♂. Webster died, 1852. |  | 6.24 | 5. 5 | 0.53 | 16.6 | 21.5 7 | 0.56 | 6.11 | 5.17 | 1. 7 |
| 25 Sat | Macedonian captured, 1812 |  | 6.25 | 5. 3 | 1.59 | 16.6 | 22.5 6 | 2. 0 | 6.12 | 5.16 | 2. 6 |

43) 20th Sunday after Trinity.

10h. 46m.

Day's length, 11h. 2m.

| | | | | | | | | | | | |
|--------|-----------------------------|---|------|------|--------|------|---------|--------|------|------|--------|
| 26 Su | Hogarth died, 1765. |  | 6.26 | 5. 2 | 3. 2 | 16.6 | 24.5 4 | 3. 3 | 6.13 | 5.15 | 3. 3 |
| 27 Mo | Brutus died, 42 B. O. |  | 6.28 | 5. 0 | 4. 5 | 16.6 | 25.5 3 | 4. 4 | 6.14 | 5.14 | 3.59 |
| 28 Tu | ♂♂♂. ♀ stat. St. Simon |  | 6.29 | 4.59 | 5. 7 | 16.6 | 26.5 2 | 5. 5 | 6.15 | 5.13 | 4.55 |
| 29 We | 29th. Sur. of Metz, '70 |  | 6.30 | 4.58 | rises. | 16.6 | 27.5 0 | rises. | 6.16 | 5.12 | rises. |
| 30 Th | ♂♀♂ ♀ at great't brilliancy |  | 6.31 | 4.56 | 4.52 | 16.6 | 28.4.59 | 4.58 | 6.16 | 5.11 | 5.19 |
| 31 Fri | ♂♂♂. ♂ in apogee. |  | 6.33 | 4.55 | 5.27 | 16.6 | 30.4.58 | 5.34 | 6.17 | 5.10 | 5.58 |

JEWISH CALENDAR, 5640.—October 28, Rosh Hodesh Heshvan.

Inflamed Throat.—(To the family physician)
 —"Doctor, I wish you would look down my throat and tell me what you see." "Well, it is fearfully inflamed, Mr. Gordon, and I should think it would be for I see a four-hundred acre farm down there, with horses, and cows, and plows, and a threshing machine, besides a house and lot in town. Bad case! bad case! I recommend VINEGAR BITTERS, and that you begin again."

Charity.—"He gives twice who gives quickly!"—Roman proverb.

Boys, try this!—A and B buy 100 acres of land together at \$5 per acre, and pay equal sums of money. A says to B: "Give me my choice, and we will divide the land so that when divided my part will cost me 75 cents per acre more than yours." How many acres had each man, and what did it cost them per acre? Prove it.

In the combustion of a common lamp a straight or horizontally cut wick will give great economy in oil and produce a much better light.

| MOON'S PHASES. | | | D. | New York. H. M. | Charleston H. M. | Moon's Place. S. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | | Sun Fast. Sun | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi and Louisiana. | | | | | | | | | | | |
|-----------------------------------|---|------------------|----|--------------------|---------------------|-------------------------|---|---------|---------|----------------------|---|---------|---------|--|--------|---------|-------|-------|--------|-------|-------|--------|-------|-------|--------|
| D | M | W | 7 | 0 59 m. | 0 35 m. | | 13 | 7 43 c. | 7 19 e. | | 20 | 1 53 e. | 1 29 e. | 28 | 4 1 e. | 3 27 e. | Sun | Sun | Moon | Sun | Sun | Moon | Sun | Sun | Moon |
| | | | | | | | | | | | | | | | | | rises | sets. | rises. | rises | sets. | rises. | rises | sets. | rises. |
| | | | | | | | | | | | | | | | | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Phenomena and Important Events | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 Sat | | All Saints' Day. | | | | 6.34 | | 4.54 | | 6.10 | | 16.63 | | 4.57 | | 6.16 | | 16.18 | | 5.9 | | 6.42 | | | |

| | | | | | | | | | | | | | |
|---|-----|------------------|--|------|------|------|----|------|------|------|------|-----|------|
| 1 | Sat | All Saints' Day. | | 6.34 | 4.54 | 6.10 | 16 | 6.31 | 4.57 | 6.16 | 6.18 | 5.9 | 6.42 |
|---|-----|------------------|--|------|------|------|----|------|------|------|------|-----|------|

| | | | |
|----|----------------------------|-----------|-------------------------|
| 44 | 21st Sunday after Trinity. | 10h. 30m. | Day's length, 10h. 50m. |
|----|----------------------------|-----------|-------------------------|

| | | | | | | | | | | | | | |
|---|-----|------------------------------|--|------|------|------|----|------|------|-------|------|-----|-------|
| 2 | Su | All Souls' Day. | | 6.35 | 4.52 | 6.57 | 16 | 6.32 | 4.56 | 7.46 | 19.5 | 9 | 7.31 |
| 3 | Mo | 8 ♄ ☉. Paris famine, 1871. | | 6.36 | 4.51 | 7.47 | 16 | 6.33 | 4.54 | 7.59 | 6.20 | 5.8 | 8.25 |
| 4 | Tu | Earthquakes in N.E. & N.Y. | | 6.37 | 4.50 | 8.53 | 16 | 6.34 | 4.53 | 8.58 | 6.21 | 5.7 | 9.21 |
| 5 | We | Bat. Inkermann, 1854. [1877] | | 6.39 | 4.49 | 9.56 | 16 | 6.35 | 4.52 | 10.16 | 6.22 | 5.6 | 10.22 |
| 6 | Th | Bat. Port Royal, 1861. | | 6.40 | 4.48 | 11.2 | 16 | 6.37 | 4.51 | 11.6 | 6.23 | 5.5 | 11.20 |
| 7 | Fri | 7th. Bat. Tippecanec. | | 6.41 | 4.46 | morn | 16 | 6.38 | 4.50 | morn | 6.23 | 5.4 | morn |
| 8 | Sat | Milton d. 1674. [1811.] | | 6.43 | 4.45 | 0.10 | 16 | 6.39 | 4.49 | 0.12 | 6.24 | 5.4 | 0.22 |

| | | | |
|----|---------------------------|-----------|-------------------------|
| 45 | 22d Sunday after Trinity. | 10h. 15m. | Day's length, 10h. 38m. |
|----|---------------------------|-----------|-------------------------|

| | | | | | | | | | | | | | |
|----|-----|----------------------------|--|------|------|------|----|------|------|------|------|------|------|
| 9 | Su | ♀ ♄. ♂ ♄. ☉ ☽. | | 6.44 | 4.44 | 1.19 | 16 | 6.40 | 4.48 | 1.20 | 6.25 | 5.3 | 1.24 |
| 10 | Mo | ♂ ♄ ☉. Jacobins ban. 1794. | | 6.45 | 4.43 | 2.31 | 16 | 6.41 | 4.47 | 2.31 | 6.26 | 5.2 | 2.29 |
| 11 | Tu | Martin Luther born, 1483. | | 6.46 | 4.42 | 3.46 | 16 | 6.43 | 4.46 | 3.44 | 6.27 | 5.2 | 3.37 |
| 12 | We | 8 ♄ ☉. ♂ gr. brill. | | 6.48 | 4.41 | 5.4 | 16 | 6.44 | 4.45 | 5.16 | 6.28 | 5.1 | 4.48 |
| 13 | Th | 13th. ☉ in perigee. | | 6.50 | 4.40 | sets | 16 | 6.45 | 4.44 | sets | 6.29 | 5.0 | sets |
| 14 | Fri | Mozart b. 1719. | | 6.51 | 4.39 | 4.55 | 15 | 6.46 | 4.43 | 5.16 | 6.30 | 5.0 | 5.28 |
| 15 | Sat | ♂ ♄ ☉. Motley d. 1877. | | 6.53 | 4.38 | 5.56 | 15 | 6.47 | 4.42 | 6.36 | 6.31 | 4.59 | 6.30 |

| | | | |
|----|---------------------------|----------|-------------------------|
| 46 | 23d Sunday after Trinity. | 10h. 1m. | Day's length, 10h. 27m. |
|----|---------------------------|----------|-------------------------|

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|----|-----|-----------------------------|--|------|------|-------|----|------|------|-------|------|------|-------|
| 16 | Su | ♂ gr. hel. lat. S. | | 6.54 | 4.37 | 7.4 | 15 | 6.48 | 4.41 | 7.12 | 6.31 | 4.58 | 7.38 |
| 17 | Mo | Mary of England d. 1558. | | 6.55 | 4.37 | 8.19 | 15 | 6.50 | 4.41 | 8.25 | 6.32 | 4.58 | 8.47 |
| 18 | Tu | Kars taken by Russians, '77 | | 6.56 | 4.35 | 9.33 | 15 | 6.51 | 4.40 | 9.37 | 6.33 | 4.57 | 9.55 |
| 19 | We | John Jay's treaty, 1794. | | 6.57 | 4.34 | 10.44 | 14 | 6.52 | 4.39 | 10.46 | 6.34 | 4.57 | 10.59 |
| 20 | Th | 20th. ☉ gr. elong. E. | | 6.58 | 4.34 | 11.51 | 14 | 6.53 | 4.39 | 11.53 | 6.35 | 4.57 | 11.59 |
| 21 | Fri | ♂ ♄ ☉. ☉ ♄. | | 7.0 | 4.33 | morn | 14 | 6.54 | 4.38 | morn | 6.36 | 4.56 | morn |
| 22 | Sat | St. Cecilia. | | 7.1 | 4.32 | 0.56 | 14 | 6.55 | 4.37 | 0.56 | 6.37 | 4.56 | 0.58 |

| | | | |
|----|----------------------------|----------|-------------------------|
| 47 | 24th Sunday after Trinity. | 9h. 49m. | Day's length, 10h. 17m. |
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|----|-----|------------------------------|--|-----|------|--------|----|------|------|--------|------|------|--------|
| 23 | Su | F. Pierce born, 1804. | | 7.2 | 4.32 | 1.58 | 13 | 6.56 | 4.37 | 1.57 | 6.38 | 4.55 | 1.54 |
| 24 | Mo | ♂ ♄ ☉. Bat. Lookout Mtn. '63 | | 7.3 | 4.31 | 3.0 | 13 | 6.58 | 4.36 | 2.58 | 6.39 | 4.55 | 2.50 |
| 25 | Tu | British evac. N. Y. 1783. | | 7.5 | 4.30 | 4.1 | 13 | 6.59 | 4.36 | 3.59 | 6.40 | 4.55 | 3.46 |
| 26 | We | ☉ ♄ ☉. ☉ ♄. [inver. 1814.] | | 7.6 | 4.30 | 5.3 | 13 | 7.0 | 4.35 | 4.59 | 6.41 | 4.55 | 4.42 |
| 27 | Th | ☉ in apogee. Steam Print. | | 7.7 | 4.30 | 6.4 | 12 | 7.1 | 4.35 | 5.59 | 6.41 | 4.54 | 5.39 |
| 28 | Fri | 28th. W. Irving d. '59 | | 7.8 | 4.29 | rises. | 12 | 7.2 | 4.34 | rises. | 6.42 | 4.54 | rises. |
| 29 | Sat | Vinegar Bitters. | | 7.9 | 4.29 | 4.54 | 12 | 7.3 | 4.34 | 5.16 | 6.43 | 4.54 | 5.27 |

| | | | |
|----|-----------------------|----------|-------------------------|
| 48 | 1st Sunday in Advent. | 9h. 40m. | Day's length, 10h. 10m. |
|----|-----------------------|----------|-------------------------|

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|----|----|---------------------|--|------|------|------|----|-----|------|------|------|------|------|
| 30 | Su | ♂ stat. St. Andrew. | | 7.10 | 4.29 | 5.47 | 11 | 7.4 | 4.34 | 5.54 | 6.44 | 4.54 | 6.20 |
|----|----|---------------------|--|------|------|------|----|-----|------|------|------|------|------|

JEWISH CALENDAR, 5640.—November 27, Rosh Hodesh Kislev.

The number of plants or trees that can be set on an acre of land:

| Feet Apart. | Num- ber. | Feet Apart. | Num- ber. |
|----------------|--------------|----------------|--------------|
| 1..... | 43,566 | 25..... | 69 |
| 5..... | 1,742 | 30..... | 48 |
| 10..... | 435 | 35..... | 35 |
| 15..... | 193 | 40..... | 27 |
| 20..... | 108 | | |

The volume of water in rivers shows the amount of rain-fall along their course. Where evaporation exceeds the rain-fall there are deserts.

Angry Words.

Poison drops of care and sorrow,
Bitter poison drops are they,
Weaving for the coming morrow
Sad memorials of to-day.

| MOON'S PHASES. | | D. | New York. H. M. | Charleston H. M. | Moon's Place. | CALENDAR FOR Boston, New Eng- land, New York State, Michigan, Wisconsin, Iowa and Oregon. | | CALENDAR FOR N. Y. City, Phila. New Jersey, In- diana, Pennsyl- vania, Ohio and Illinois. | | CALENDAR FOR Charleston, North Carolina, Tenn., Georgia, Alaba- ma, Mississippi, and Louisiana. | |
|---------------------------------|-----|-----------------------------------|--------------------|---------------------|---------------|---|--------------|---|-------------------------|---|------------------------|
| | | | | | | | Sun rises | Sun rises | Sun rises | Sun rises | Sun rises |
| Third Quarter | 6 | 2 47 e. | 2 23 e. | | | | | | | | |
| New Moon... | 13 | 6 8 m. | 5 45 m. | | | | | | | | |
| First Quarter. | 20 | 6 19 m. | 5 55 m. | | | | | | | | |
| Full Moon... | 28 | 11 19 m. | 10 55 m. | | | | | | | | |
| D | D | Phenomena and Important Events | | | | | | | | | |
| M | W | | | | | | | | | | |
| | | | | | | | S. h. m. | Sun sets. h. m. | Moon rises. h. m. | Sun rises h. m. | Moon sets. h. m. |
| 1 Mo | ☐☐☐ | John Brown ex. '59. | 7.10 | 4.29 | 6.46 | 117. 5 | 4.33 | 6.52 | 6.45 | 4.54 | 7.16 |
| 2 Tu | ☐☐☐ | Battle Austerlitz, 1805. | 7.11 | 4.28 | 7.49 | 107. 6 | 4.33 | 7.54 | 6.46 | 4.54 | 8.14 |
| 3 We | ☐☐☐ | Bat. of Hohenlinden, 1800. | 7.12 | 4.28 | 8.53 | 107. 7 | 4.33 | 8.57 | 6.47 | 4.54 | 9.13 |
| 4 Th | ☐☐☐ | ♀ greatest elongation W. | 7.13 | 4.28 | 9.59 | 107. 8 | 4.33 | 10. 2 | 6.47 | 4.54 | 10.13 |
| 5 Fri | ☐☐☐ | ♂ ♀. Mozart d. 1792. | 7.14 | 4.28 | 11. 5 | 97. 9 | 4.33 | 11. 7 | 6.48 | 4.54 | 11.13 |
| 6 Sat | ☐☐☐ | 6th. St. Nicholas. | 7.15 | 4.27 | morn | 97.10 | 4.33 | morn | 6.49 | 4.54 | morn |
| 49) 2d Sunday in Advent. | | | 9h. 32m. | | | Day's length, 10h. 4m. | | | | | |
| 7 Su | ☐☐☐ | ♂ ♀. Marshal Ney shot, '15. | 7.16 | 4.27 | 0.14 | 87.11 | 4.33 | 0.14 | 6.50 | 4.54 | 0.14 |
| 8 Mo | ☐☐☐ | Wash. retreat ac. Del. 1776. | 7.17 | 4.27 | 1.24 | 87.12 | 4.33 | 1.23 | 6.51 | 4.54 | 1.18 |
| 9 Tu | ☐☐☐ | ♂ in perihel. Embargo '08. | 7.18 | 4.27 | 2.38 | 77.13 | 4.33 | 2.36 | 6.51 | 4.54 | 2.25 |
| 10 We | ☐☐☐ | ♂ ♀. ♂ ♀ inf. | 7.19 | 4.27 | 3.55 | 77.14 | 4.33 | 3.51 | 6.52 | 4.54 | 3.35 |
| 11 Th | ☐☐☐ | Fredericksburg bom. 1862. | 7.20 | 4.27 | 5.14 | 77.14 | 4.33 | 5. 9 | 6.53 | 4.55 | 4.48 |
| 12 Fri | ☐☐☐ | ♂ ♀. ♂ in perigee. | 7.20 | 4.28 | sets | 67.15 | 4.33 | sets | 6.53 | 4.56 | sets |
| 13 Sat | ☐☐☐ | 13th. ♂ s. 4.13 M. ☐ | 7.21 | 4.28 | 4.39 | 67.16 | 4.33 | 4.45 | 6.54 | 4.56 | 5.13 |
| 50) 3d Sunday in Advent. | | | 9h. 28m. | | | Day's length, 10h. 1m. | | | | | |
| 14 Su | ☐☐☐ | h stat. H stat. | 7.22 | 4.28 | 5.53 | 57.17 | 4.33 | 5.58 | 6.55 | 4.56 | 6.23 |
| 15 Mo | ☐☐☐ | Boston Tea Party, 1773. | 7.23 | 4.28 | 7. 9 | 57.17 | 4.34 | 7.14 | 6.55 | 4.56 | 7.34 |
| 16 Tu | ☐☐☐ | ♂ stat. Great N.Y. Fire, '35. | 7.24 | 4.29 | 8.24 | 47.18 | 4.34 | 8.28 | 6.56 | 4.56 | 8.42 |
| 17 We | ☐☐☐ | Wood Engraving dis. 1460. | 7.24 | 4.29 | 9.36 | 47.19 | 4.34 | 9.38 | 6.57 | 4.57 | 9.47 |
| 18 Th | ☐☐☐ | ♂ h. Vinegar Bitters. | 7.25 | 4.29 | 10.43 | 37.19 | 4.35 | 10.44 | 6.57 | 4.57 | 10.48 |
| 19 Fri | ☐☐☐ | ♂ gr. hel. lat. N. ☐ | 7.25 | 4.30 | 11.48 | 37.20 | 4.35 | 11.47 | 6.58 | 4.57 | 11.46 |
| 20 Sat | ☐☐☐ | 20th. Pilgrims l. 1620 | 7.26 | 4.30 | morn | 27.20 | 4.35 | morn | 6.58 | 4.58 | morn |
| 51) 4th Sunday in Advent. | | | 9h. 26m. | | | Day's length, 9h. 59m. | | | | | |
| 21 Su | ☐☐☐ | ♂ h. Winter begins. | 7.26 | 4.30 | 0.51 | 27.21 | 4.36 | 0.49 | 6.59 | 4.58 | 0.43 |
| 22 Mo | ☐☐☐ | Battle of Cawnpore, 1857. | 7.27 | 4.31 | 1.53 | 17.21 | 4.36 | 1.50 | 6.59 | 4.59 | 1.39 |
| 23 Tu | ☐☐☐ | Newton born, 1642. | 7.27 | 4.32 | 2.55 | 17.22 | 4.37 | 2.51 | 7. 0 | 4.59 | 2.36 |
| 24 We | ☐☐☐ | ♂ s. ☐ in apogee. | 7.28 | 4.32 | 3.56 | 07.22 | 4.38 | 3.51 | 7. 0 | 5. 0 | 3.32 |
| 25 Th | ☐☐☐ | Christmas. | 7.28 | 4.33 | 4.56 | s. 7.23 | 4.38 | 4.51 | 7. 1 | 5. 0 | 4.28 |
| 26 Fri | ☐☐☐ | St. Stephen. | 7.29 | 4.33 | 5.53 | 17.23 | 4.39 | 5.47 | 7. 1 | 5. 1 | 5.22 |
| 27 Sat | ☐☐☐ | St. John, Evangelist. | 7.29 | 4.34 | rises. | 17.23 | 4.39 | rises. | 7. 1 | 5. 1 | rises. |
| 52) 1st Sunday after Christmas. | | | 9h. 27m. | | | Day's length, 10h. 0m. | | | | | |
| 28 Su | ☐☐☐ | 28th. ♂ gr. elong. W. | 7.29 | 4.35 | 4.39 | 27.24 | 4.40 | 4.45 | 7. 2 | 5. 2 | 5.10 |
| 29 Mo | ☐☐☐ | Gladstone b. 1809. | 7.29 | 4.36 | 5.41 | 27.24 | 4.41 | 5.46 | 7. 2 | 5. 3 | 6. 8 |
| 30 Tu | ☐☐☐ | Specie payment stopped, '61 | 7.30 | 4.36 | 6.46 | 37.24 | 4.42 | 6.50 | 7. 3 | 5. 3 | 7. 7 |
| 31 We | ☐☐☐ | ☐ h. ☐. ☐ nearest ☐. | 7.30 | 4.37 | 7.51 | 37.24 | 4.43 | 7.55 | 7. 3 | 5. 4 | 8. 7 |

JEWISH CALENDAR, 5640.—December 27, Rosh Hodesh Tebeth.

One hundred pounds of flour yield one hundred and thirty pounds of bread.

At forty-seven feet below the surface the temperature is uniform throughout the year.

That mercy I to others show, that mercy show to me.

If the laws of generation were as well understood as they should be, there would be less need of regeneration.

Physic is best given on an empty stomach.

What a beautiful idea of a child was it, when he said that he thought the stars were gimlet holes to let the glory through.

While it was thundering little May looked up and said: "I weckon Dodd is pounding on the door to make the people behave."

Shipwrecks are the signals of safety.

THE BODY AND THE BLOOD.

"FOR the life of all flesh is in the blood thereof."—*Holy Writ.*

As a product of inventive skill of the highest order, the human body challenges our profound admiration.

As a machine designed to accomplish certain ends, it exhibits the skill of infinite wisdom; and we say, God made it. But He gave it to a man to occupy for a time as his habitation and his home, and to use at his will for purposes of convenience and business and pleasure. Through its avenues he acquires all his knowledge, and by its aid he applies this knowledge to valuable account. It would seem that the possessor of such a machine would use it wisely, and would take infinite pains in its preservation. But how sadly do we see it overtaxed and abused in all its parts and functions, until it is worn out, wrecked, cast aside and buried out of sight!

This beautiful machine, so perfect in all its parts, so delicate in all its functions, so nicely adjusted by its Creator to add to the comfort of the man within, has been provided with the means for its preservation in working order; and physiologists say that it ought to last at least a century. This body is constantly undergoing waste, and is as constantly being repaired.

The special reparative agent is the *blood*. It is both the feeder and scavenger of the body. Out of the great variety of food taken into the stomach, the blood carries to every part of the body, and deposits wherever needed, the constituents of brain and bone and sinew and muscle and nail and tissue and hair.

On its return it gathers up all the effete and worn-out matters of the system, and they are cast out.

The functions of an agent of such importance should be thoroughly understood by all. The secret of health is in having *pure blood*. When fed by generous aliment it is indeed a river of life to the whole body, sending bloom to the cheek, brightness to the eye, and vigor to the brain; but when its channels are loaded with poisons, it is equally the distributor of disease and death.

A well-preserved *old man* is a rare sight; still there are such, and he is seen to be admired. His cheek is painted with the ruddy blush of the rose; his eye glistens with vivacity; his step is elastic; his voice cheery; his brain clear; his judgment good; and as he goes fresh from his morning bath to his desk in his office, he is a dangerous competitor in business, and at eighty he has the vigor of boyhood. The opposite of this picture is oftener seen in a *young man* at thirty already broken down and wrecked in body and mind; his blood poisoned with villainous drinks; the lustre fled from his eye, his step enfeebled; all the ambitions of life already faded out; his body debased; life a failure in its early prime, and he ready for the grave. When will our young men learn that their constitutions are not made of cast-iron, to be abused at will and without thought? Young man, choose your model!

AGUE

IS an intermittent, malarial fever, and usually prevails in marshy districts and in rich valleys where there is an exuberant vegetation. It is supposed to arise from a minute vegetable organism taken into the system by inhalation. Here it germinates, and unless expelled it pervades and vitiates the blood, and malarial fever ensues. It is characterized by a succession of cold, hot, and sweating stages, and it is attended with violent headache, thirst and languor.

These paroxysms occur at definite intervals, usually every alternate day, but often at longer or shorter intermissions. This disease is essentially a blood poison, for which VINEGAR BITTERS is a *certain specific*; for ague is a stranger where the blood is pure. In malarial districts VINEGAR BITTERS should be always at hand, and should be taken with regularity during the summer and fall, or whenever the first symptoms of ague appear. Ague need not be feared. VINEGAR BITTERS *cleanses the blood*, gives tone to the system, stimulates the liver, and is a *radical cure* for ague.

ASTHMA

IS an affection of the lungs attended by great difficulty of breathing, which comes in paroxysms.

Asthma is more distressing than dangerous. The spasm is often induced by fumes of smoke, the smell of new hay, &c., &c., but behind these there is a constitutional predisposition. The attack may be sudden and short or may be protracted. It is important to observe prudence in diet and regimen. To prevent a return of the spasm use VINEGAR BITTERS to keep the bowels open and regular, and always keep the sleeping apartments well ventilated.

BOILS

THESE originate in an impoverished or disordered state of the blood.

Treatment: Cleanse the blood and open the bowels freely, and keep them so by a gentle laxative. For this purpose VINEGAR BITTERS is admirably adapted, as it neutralizes the depraved element in the blood and restores its purity. The cure is speedy and permanent. The diet should be plain and simple, but generous; and avoid stimulants. The boil itself should be treated with linseed-meal poultices.

Notice to Loafers.—Mebbe you don't petter had loaf roundt here ven you don't got some peesness. Ain't it?

The average weight of 20,000 men weighed in Boston was found to be 141½ lbs; of women, 124½.

An old lady, troubled with rheumatism, was asked if she had tried electricity. "Yes," she said, "I was struck by lightning a year ago, but it didn't do me a single mossel of good,

BRONCHITIS

IS akin to consumption. It is an inflammation of the air passages to the lungs. "Catching cold" and neglecting it is the most frequent cause. In severe cases the patient breathes with difficulty, and can scarcely inhale sufficient air to live. First strive to reduce the inflammation. To effect this, use VINEGAR BITTERS early and regularly. This preparation is anti-inflammatory, while it invigorates the patient with *fresh, pure blood*.

Treatment: Apply a mustard poultice to the breast; bathe the feet in *hot water* with a little mustard in it; give warm mucilaginous drinks; keep from the cold air; keep the throat and chest well protected, and use VINEGAR BITTERS faithfully until health returns through the pure condition of the blood. Chronic Bronchitis may last for months, and requires the persevering continuance of the treatment prescribed.

CATARRH

IS an uncomfortable affection of the lining of the nose and throat, produced usually by exposure to cold, and especially to drafts while perspiring. It is commonly known as "cold in the head." It yields readily to the anti-inflammatory nature of VINEGAR BITTERS. Confinement in a warm room for a day or two, with a hot foot-bath, and enough VINEGAR BITTERS to effect a copious action of the bowels, will effect a speedy cure.

Chronic catarrh must be treated persistently in the same way.

How to be Handsome.—Many very plain people grow to be positively handsome upon more intimate acquaintance. They show so many rare traits of mind and heart that we cease to see the lineaments of the face in the richer beauty of the soul. A dull soul shows a dull face and a dull eye; but when the mind is awake, the sleepy look vanishes, and the eye sparkles with life and beauty. Mental beauty comes by mental cultivation; and this comes by reading and thinking, and talking with people who know something. There is too much good reading now for anyone to read trash. Access to a good library brings you face to face with the intelligence of all past time. Store your mind with valuable knowledge, and learn how to tell it, and you will look beautiful in the eyes of all your friends.

FOR THE PURIFICATION OF THE BLOOD

VINEGAR BITTERS stands pre-eminent. It is a preparation which is a perfect renovator and invigorator of the system, because it cleanses the blood of all poisonous matter, and thus eradicates disease by supplying an abundance of pure, rich blood. It is perfectly free from alcohol in any form. *Cleanse the blood*, and health will follow swiftly and surely.

A little four-year-old girl said to her teacher, "Our dog's dead; I bet the angels was scared when they saw him coming up the walk. He's cross to strangers."

CONSUMPTION.

THIS foe to mankind is known in every clime. It is extremely insidious in its approach, and may follow a neglected cold, or by gradual growth may be developed from hereditary disposition. Its insidiousness makes it dangerous; for if taken in season it can usually be readily cured. When once seated upon its victim, it is characterized by tubercles which form in the lungs, and if not arrested in time, these develop into ulcers, which soften and destroy the lungs. It may result from breathing foul air; from too sedentary habits; from unwholesome food, or from alcoholic drinks and intemperance. Whatever weakens the system or vitiates the blood tends to produce consumption.

The symptoms are a dry, hacking cough, particularly at night, accompanied by expectorations, which at first are frothy, but afterwards become darker and thicker; chilliness, followed by fever, and a burning sensation in the hands and feet, and a cold, clammy perspiration while asleep. The troublesome cough soon produces emaciation and weakness; the feet swell, diarrhoea ensues and death awaits.

Delay is Dangerous! Begin at once. Dress warm; maintain perfect cleanliness; avoid a draft; observe regular habits of rising, eating, retiring and exercise; abjure alcohol; dispense with tea and coffee, and let your diet consist of beef-steak and generous, nutritious, food. Follow these simple rules with care, and keep VINEGAR BITTERS always by you, taking it as often as necessary to tone up your system and *cleanse the blood* from all scrofulous impurities in the lungs, and if taken in time you may cheerfully hope for a cure.

Says Dr. Holland: Consumption has been cured again and again by the simple process of building up the forces of vitality through passive exercise in the open air, and a supply of an abundance of nutritious food.

DIARRHŒA

IS occasioned by anything that irritates the mucous surface of the alimentary canal.

It occurs oftener in summer and autumn than at any other period. It is characterized by free discharges from the bowels in a very liquid state; but sometimes it is known as bilious diarrhoea, and is occasioned by an excessive flow of bile, which, unless arrested, often becomes chronic.

Diarrhoea ought not to be checked too suddenly, for it is a method by which nature strives to throw out impurities and restore the system to its normal condition. As an aid to nature VINEGAR BITTERS is invaluable. It invigorates the stomach and aids digestion, while it regulates the liver, inducing a healthy flow of the bile, and *cleanses the blood*.

Treatment: Use VINEGAR BITTERS regularly, with warm baths and warm clothing, avoiding the night and damp air. Farinaceous food should be adopted, and vegetables and solid food withheld.

CROUP

In a dreaded and fatal affection among the diseases of young children, and always requires speedy attention. It often comes without warning until announced by that peculiar hoarse, "croupy" cough, which, once heard, will be always remembered. Croup is an acute inflammation of the membrane which lines the whole surface of the windpipe and bronchial tubes.

A tough expectoration is produced, which the child cannot expel, which clings to the sides of the throat, and if not relieved, the little sufferer speedily dies from suffocation. Fully one-third of the deaths of children are from croup. The paroxysms of this disease usually come on in the evening, and become intensified about midnight, the child seeming to be better during the day, but the voice still having that cold, metallic ring.

It is easily handled if it has immediate attention—but delay is fatal. Many a young mother must lose her first-born before she learns this unhappy lesson. All efforts should be directed to loosen this mucous from the throat and windpipe and have it expelled. This may be effected by a hot bath, or by wrapping a towel wet with warm water around the neck and throat covered with a dry one; and particularly by a slight emetic, sufficient to produce vomiting, followed by enough VINEGAR BITTERS to operate briskly upon the bowels; and wrap the child in flannel. Whenever I see an infant exposed with bare arms and naked shoulders, I pity the ignorance of that mother. See to it that the bowels are opened freely.

DYSPEPSIA

BRINGS innumerable disorders in its train. It is produced in many ways by which the tone of the stomach is weakened or destroyed, so that the gastric juices will not act on the food.

Imperfect mastication, hurry in eating, want of exercise, fatigue, over mental work, and whisky-drinking, are fruitful sources of dyspepsia, and it is the prevailing malady of civilized life. The sympathy between the stomach and brain is so intimate, that any derangement of the one is at once reflected on the other. So dyspepsia makes one miserable, hopeless, depressed in spirits, with gloomy forebodings, confused, irresolute, weak, languid, useless, and leads to suicide.

For the certain cure of this distressing disease, science has never yet discovered any remedy so sure in its effects as VINEGAR BITTERS. Why? Simply because they *give tone to the stomach, rouse the liver, cleanse the blood*, and then follow a clear brain, health and happiness.

Treatment: Horseback-riding, rest of the stomach and brain, moderate eating of simple and digestible food; drop coffee, tea, hot biscuit and whisky; be cheerful; maintain a clear conscience; pay your debts, and use VINEGAR BITTERS. And when restored to health remember forever after that the human stomach is *not made of cast-iron*.

DROPSY.

THIS is a disease characterized by an unnatural collection of water in any part of the body. This causes a bloated appearance, and the blood is impoverished and retarded in its circulation.

The first object is to get rid of the surplus watery fluid, and next to prevent its collecting again.

Tapping is but a temporary expedient.

The diuretic properties of VINEGAR BITTERS are of high order, and they thus promote the discharge of the watery fluid through its proper channels. The use should be regular and persistent until a cure is effected.

FEVERS.

THESE generally begin with chilliness, languor, a quickened pulse, hurried respiration, pains in various parts of the body, attended with nausea and vomiting. "What is a fever?" has given rise to endless theories and discussions. Fevers are variously named from their characteristics; as inflammatory, typhoid, nervous, typhus, scarlet and yellow. Where the increase and remission of the symptoms is well marked, like the ebb and flow of the tide, it is called remittent, but fever is never absent; but if the fever leaves the patient after some hours' duration, and returns again at regular intervals, we call it intermittent.

The cause of most fevers is no doubt the implanting of the spores or germs of disease into the human system, and they find in impure blood a rich soil in which to germinate and develop. *Fevers are a blood poison.* With pure, rich, healthy blood coursing through the veins, the germs of fever can find no lodgment; but health—rosy health—will reign throughout the system. With a *healthy liver, and pure blood*, we need never suffer from fevers, with all their attendant ills. And this we have very much in our own control, for pure air, fresh water and soap will do wonders. If to these we add VINEGAR BITTERS, we may feel secure; for its judicious use will *cleanse the blood from all impurities, and invigorate the liver*, and these will bring bloom to the cheek and health to the body in all its functions.

HEADACHE—BILIOUS AND NERVOUS.

BILIOUS headache is caused by disordered digestion produced by errors in diet. It is attended with sick stomach, and usually affects one side of the head, with at first severe throbbing pains, which soon extend over the entire head. The remedy is simple enough. A free use of VINEGAR BITTERS will cure the stomach and *cleanse the blood* and clear the brain.

Nervous headaches arise from nervous exhaustion or over mental work. Bathing the head in water during the attack, rest and quiet, with VINEGAR BITTERS properly administered, will give tone to the system and remove the trouble.

JAUNDICE

IS the direct result of the continued obstruction of the bile duct, and the absorption of the bile by the blood. Its presence in the blood is seen in the yellow tint of the eyes, the nails, and the skin. Languor, depression, headache, and constipation follow. Death may ensue speedily, or the disease may be prolonged for months.

Treatment: *Cleanse the blood* by the free use of VINEGAR BITTERS, which restores the healthy action of the liver, and expels the bile through the intestines. Use a light, cooling diet of fruits and vegetables. Rub the region over the liver on the right side briskly and often, and bathe with tepid water.

KIDNEY DISEASES.

THE kidneys are subject to a variety of diseases which are painful and dangerous.

Both kidneys are usually affected. Their function is to secrete the urine, and to void it. When diseased the urination is scanty and high-colored, and sometimes contains a deposit resembling brick-dust. Congestion, inflammation and Bright's disease may be relieved or cured by the careful use of VINEGAR BITTERS, because their diuretic properties are unsurpassed. They deplete the blood and thus restore the healthy action of the kidneys.

LIVER COMPLAINTS OR BILIOUSNESS.

THE function of the liver is to secrete the bile, which with a healthy flow regulates the evacuations. As the bile is elaborated it is deposited in the gall ladder, from whence it passes by a small duct into the intestine. This duct sometimes becomes obstructed, and the bile, instead of flowing into the intestine, overflows into the stomach, where it is taken up by the blood and is diffused throughout the entire system. This produces nausea, headache, vomiting, and all such symptoms as we call *biliousness*.

VINEGAR BITTERS is a specific for the regulation of every disorder of the liver. It rouses the liver into healthy action; it *cleanses the blood*, and with pure blood comes health.

PAINTERS' COLIC.

THIS disease is the result of the absorption into the system of the poisonous properties of lead, and painters, plumbers and workmen in white lead manufactories are subject to it. It is painful and dangerous.

VINEGAR BITTERS is especially adapted to remove this poison from the system, and to guard against it. To open the bowels by the healthy action of the liver is the province of VINEGAR BITTERS, and with the removal of the poison this distressing disease may be cured.

It has been found that tramps will not split wood, but if you have a shed they will lay in your coal.

PARALYSIS

IS not so much a disease as it is the token of some disorder of the nervous system showing partial or total loss of power in some of the nerves. Most nerve disorders are best reached through the stomach and the blood. There is a wondrous sympathy between the stomach and brain, and they act upon each other speedily and with intensity.

VINEGAR BITTERS acts directly upon the stomach, the liver, and the blood, three most important elements in that delicate structure, the human body. When these perform their functions properly, a clear, pure, life-giving stream is sent to every part of the body, building up its tissues with health and life, and with these comes also restored nervous power throughout the entire system.

PNEUMONIA

IS an inflammation of the lungs, arising from "catching cold," as we call it. It is attended by great soreness of the lungs, induced by a dry, hard cough, and attended with fever. It requires early attention, for if neglected the symptoms become aggravated, and the patient dies exhausted.

The early and free use of VINEGAR BITTERS bring about immediate resolution, free expectoration and febrile abatement, and then the danger is past; but a high fever, delirium, a dry, hard cough, with acute soreness and pain in the lungs, denote great danger, and should prompt to active measures of relief.

SCROFULA

IS a constitutional disease, often inherited, or may originate from impure air, want of sunshine, or living on pork. It manifests itself in swelling and tumors resulting in ulcers. In all constitutional diseases like scrofula, VINEGAR BITTERS have shown wonderful curative properties in many very obstinate cases. They operate directly and positively on the digestive apparatus, the liver and the blood, and scrofula disappears when the blood is pure.

WOMEN'S DISEASES.

MANY of the diseases of womanhood might be prevented if their approach were resisted. Any excitement of an unusual nature disturbs the balance of the system; the nervous energies are exhausted and general disturbance results. VINEGAR BITTERS have a marked beneficial effect upon diseases peculiar to women. It is a purely vegetable preparation, and is a safe remedy for all irregularities, suppression and urinary difficulties. It is also an infallible remedy for those many serious complaints arising from derangement of the liver, such as indigestion, dyspepsia, constipation, headache, &c., &c. Try it and you will not be disappointed.

The moon so wise her course doth steer,
She travels in sunshine all this year.

RHEUMATISM.

THIS is not usually a dangerous affection, unless it attacks, as it sometimes does, the heart, or some vital organ. But it inflicts suffering the most acute; and when it assumes an inflammatory character and becomes rheumatic fever, it occasions agonizing distress. It is often chronic, and unfits the sufferer for everything by the steady and continued discomfort in which he finds himself, both by day and by night.

It principally affects the joints, as the wrists, elbows, knees, hip-joints, back and loins. It is usually occasioned by thoughtless exposure to cold, damp air after having been heated. It is proper to call it a disease; for it, no doubt, is a poison circulating in the blood, deranging the healthy function of some organ of the body. This poison is the predisposing cause, and the cold merely exercises its injurious influence by closing the pores of the skin and thus checking the process by which the poison might have been eliminated; instead of which it enters the circulation, and the blood becomes poisoned and rheumatism developed. The cure is often tedious, but it can be cured. It is of the *highest importance* that the body should be protected by WARM FLANNEL CLOTHING. Vapor and hot-air baths are of service, and friction; and the steady use of VINEGAR BITTERS, until the blood has been purified from the poison which caused the rheumatism, will thoroughly drive it from the system. It has been done in thousands of cases, both chronic and inflammatory.

WORMS AND PARASITES.

DISGUSTING intestinal worms infest the intestines of young children. These are of various kinds, and any of them are capable of occasioning great irritation in the intestines, producing spasms and mischief. As a vermifuge we wish to say that VINEGAR BITTERS has extraordinary qualities, and we believe that all worms of whatever kind, from tape-worm to pin-worm, can be expelled from the human body and a complete cure effected of every vermicular disease by repeated doses of VINEGAR BITTERS. This remedy will sweep the system of all these pests, and they can be voided without the least danger or uncertainty. We cannot insist on this too strongly. All should know it.

To remove a glass stopper that has become firmly fastened in the neck of the bottle, put a drop or two of glycerine or sweet oil in the crevice about the stopper, and in an hour or two it will be loose.

An old-fashioned clergyman, opposed to instrumental music, gave out his morning psalm as follows: "You may fiddle and sing the 125th psalm!"

Pain is the blessed angel that teaches us to avoid danger.

Flowers may be preserved and their tints deepened by adding to the water a little solution of carbonate of ammonium and a few drops of phosphate of sodium.

The Gold that Wears.

We parted one eve at the garden gate
When the dew was on the heather,
And I promised my love to come back to her
Ere the pleasant autumn weather—
That we twain might wed
When the leaves were red,
And live and love together.

She cut me a tress from her nut-brown hair,
As I kiss'd her lips of cherry,
And I gave her a ring of old-time gold,
With a stone like the mountain berry—
As clear and blue
As her eyes were true—
Sweet eyes, so bright and merry!

"The wealth of my love is all I have
To give you," she said, in turning;
"The gold that wears—like the radiant stars
In yonder blue vault burning!"
And I took the trust
As a mortal must
Whose soul for love is yearning.

Fate kept us apart for many years,
And the blue sea rolled between us,
Though I kissed each day the nut-brown tress,
And made fresh vows to Venus—
Till I sought my bride,
And fate defied,
That had failed from love to wean us.

I found my love at the garden gate
When the dew was on the heather,
And we twain were wed at the little kirk
In the pleasant autumn weather:
And the gold that wears
Now soothes my cares,
As we live and love together.

To make jet black ink, that is, shiny and glistening when applied, dissolve in $\frac{1}{2}$ pint of soft water $\frac{3}{4}$ oz. of potassium bichromate, and add the solution to 6 ozs. of logwood extract dissolved in 1 gallon of water; then dissolve in 1 gallon of water, by continued boiling, borax 6 ozs., shellac $1\frac{1}{2}$ ozs. Mix all together while warm and add ammonia, 3 ozs.

That was not bad of an opulent old gentleman, recently deceased, of whom it was asked, "How much did he leave?"
"Oh, everything; he took nothing with him."

"All that glitters is not gold," is an old saying.
"Nothing that glitters is gold," is a better saying; for pure gold does not glitter.

Jones' wife had a habit of kicking him when angry. On being asked why he did not resent it, he said that "it seemed to amuse her and did not hurt him."

If Adam fell, I suppose that on the whole it was best that he should fall; for it is only by falling a thousand times that a child learns to stand. After all, was it not considerable of a fall up-stairs?

It is no kindness to surround children with such attention and care that they will not be compelled to learn the lesson of self-reliance, patient industry and persistent hope. The sooner a boy can be made to wait on himself, to think for himself, and to act for himself, the sooner will the germs of true manhood begin to develop within him. The real crowns of this world are crowns of labor.

To my Divinity.

While your velvet cheek discloses
Lillies mingled with the roses,
And your lips are banks of blisses,
Where to plant and gather kisses,
You yourself give reason why
Man like me must love or die—

Love or die.

Queen of Angels! Oh, what rapture!
How you thrill me, kill me, capture
Every thought and every feeling—
To my helpless self revealing
This—that in your presence I,
I must love you—love or die—

Love or die.

What delicious recollections
Stir my memories—my affections!
Speed, ye winged winds, to Dea;
Ask of this dear Dea mead
Does she, can she wonder why
I must love her—love or die—

Love or die?

Knows this grand Olympic creature,
Heaven's mould in form and feature—
By a head than Pallas higher—
Eye ablaze with Helen's fire—
Knows she—heeds she—cares? that I,
Lover, love her? Must or die?

Must or die?

Paragraphs not in the Bible.

God tempests the wind to the shorn lamb.—
Sterne.

Cleanliness is next to godliness.—*Koran.*
In the midst of life we are in death.—*Prayer-*
book.

That bourne from which no traveller returns.
—*Shakespeare.*
Never tell a lie before breakfast.

Paragraphs that ought to be in the Bible.

Always tell the truth; you will find it easier than lying.

Always do a kind act in a kind way; to do it otherwise destroys all its value.

Do a mean act in a mean way; so it will have a keener sting—for your own breast. But better not do it. He who laughs at cruelty sets his heel on religion, and shows that he has none.

Whatever you dislike in another correct in yourself.

Better be upright with poverty than wicked with plenty.

Time never sets heavily on us when it is well employed.

Do your duty in that station of life in which God in His providence has placed you.

Mind your own business.

What is that which if once lost can never be found? Time.

God helps the man who helps himself; but God help the man who helps himself to anything of mine.

Mothers should never box their children's ears; it is hurtful. If you must strike a child (which I very much doubt), take off your slipper, and find the place that Nature provided for the purpose. That was my mother's plan, and I certify it to be good. It made me poetical, for

"Sorrows remembered sweeten present joy."

There is no forgiveness for transgression; it must be atoned for.

A healthy bee can cure the worst case of rheumatism in about a minute and a half; but it won't be permanent.

A streak of lean and a streak of fat makes the best beef; so sorrow mixed with joy gives zest to life. It took me forty years to find this out; but I give it to you for nothing.

Charles: "Lizzie, darling, why do you wear another woman's hair?"

Lizzie: "Charlie, dear, why do you wear another calf's—I mean, why do you wear calf skin boots?"

The language of flowers is very tender and beautiful; but the boy who stubs his toe don't use it.

Experience is a torch lighted in the embers of our own delusions.

The secret of beauty is health—robust health.

Those who wish to be beautiful should do all they can to maintain sound health. As a rule, when a person feels well he looks well; and when he looks ill he feels ill. Your bath, diet, exercise and medicine are matters for individual consideration, and should be carefully thought of and never neglected.

To have a fresh complexion, ruddy cheeks and bright eyes, you must be well.

Health and the happiness that comes with it are the true secrets of beauty. The judicious use of VINEGAR BITTERS will give health: health will give happiness, and these shine in the face in beauty.

Another secret of beauty is contentment. I

To be at peace with ourselves and our condition and surroundings is more to be prized than wealth or position. And this treasure lies within the power of each. Its possession depends entirely upon ourselves, and it should be deep and abiding. A cheerful, happy face, the mirror of a serene and peaceful mind, can give more real pleasure to your family than money. It can spread sunshine in the abode of poverty. Solomon well says that a contented mind is a continual feast. Contentment is opposed to fretting and crossness and frowns; and these never help matters. Chronic ill-humor sets its seal upon the face in lines never to be erased, and we instinctively avoid such people. Good-humor and serenity also make their mark, and attract us by their loveliness.

A fall of one inch in ten miles in a river will produce a current. The slope of the rivers flowing into the Mississippi from the east is about three inches per mile; from the west six inches per mile.

Responsibility.—The main effort in this life with many seems to be to avoid responsibility. My friends, don't cheat yourselves; this cannot be done. If there is an eternity, somewhere in that eternity responsibility must be met. The responsibilities of life are tremendous. Reader, God has something for you to do, and which you can do better than any other being in the universe, or He would not have created you to do it; and somewhere in existence you will work out the problem of your destiny. This must be! God makes no mistakes: so don't shirk responsibility, for you cannot if you would. Face it like a man, and discharge it faithfully.

Periods of Gestation.—Camel, 1 year; cow, 9 months; cat, 8 weeks; dog, 9 weeks; elephant, 1.9 year; hog, 16 weeks; horse, 11 months; sheep, 5 months.

Virtue and Vice in Contrast.

Vice is most revolting when seen in contrast with virtue. A profane man, belching forth oaths among those who never swear; an atheist, pouring forth blasphemies in the presence of reverent and holy men; an inebriate, filthy and coarse, mingling with persons who never touch the debasing draught; the vulgar libertine, corrupting the air with unwholesome speech, to the disgust of those whose minds are pure. In every such instance vice is not alone as a sin, but as a horrid deformity. It not only brings death, but also shame; it is not only wicked, but vile; it is not only wrong, but unspeakably mean. How lovely, by the same contrast, does virtue appear! How sweet the lips of chastity; how pure the breath of reverent piety; how excellent the life of abstinence; how blessed the example that chides the erring, rebukes the unholy, impresses the young, guides the wanderer, and strengthens the weak by its silent power!

No crockery expenses are incurred in Bengal; the dishes from which the Hindoos eat their food are the plantain leaf. These are never used a second time, and all washing of dishes is unknown, so that it must be a paradise for servant girls. Their vessels of this sort are the product of a tree which abounds everywhere, and is so commodious for the purpose, that the object is attained at once without the intervention of professional skill.

The following has been found in an oration on the presidential succession.

"Come on, brave boys, with good intent,
And fire the guns of government;
You load and I'll tend vent,
Touch her off and let her went."

There is seldom a line of glory written upon the earth's face but a line of suffering runs parallel with it; and they that read the lustrous syllables of the one, and stop not to decipher the worn inscription of the other, get the lesser half of the lesson earth has to give.

A Fable.—A man once went to an apple-stand kept by an ancient negress. He bought a cake for one cent; then he laid this down and took a stick of candy, also valued at one cent; this he laid down and took up an apple, which he slowly ate, and turned away. "Pay me for dat apple, sah." "I have paid you," said he; "didn't I give you the stick of candy?" "But you nebber paid for de candy, sah." "Well, didn't I give you back the cake?" "But you didn't pay for de cake." "Well, there's your cake." "Well, go 'way from here, white man, go 'way; I can't argue wid you, but 'pears like I hain't got no money for dat apple." Moral.—It is thus that Mr. Voorhees would pay the national debt. He would pay the bonds in greenbacks, and the greenbacks in other greenbacks, and so on all the way down.

Progress.—The world learns slowly; but it learns. The lancet has been banished; and many minerals once in favorite use have been proved to do more injury than the diseases they were supposed to cure. Instead of losing blood, the world has learned that it is better to keep it, and to *cleanse it and purify it*, for this brings health and happiness.

VINEGAR BITTERS contains neither minerals nor alcohol. It is a purely vegetable preparation; and its office is to give tone to the stomach, to invigorate the liver, and to *cleanse the blood*. In this it has no rival.

Morn.

In what a strange bewilderment do we
Awake each morn from out the brief night's sleep.

Our struggling consciousness doth grope and creep

Its slow way back, as if it could not free
Itself from bonds unseen. Then memory,
Like sudden light, outflashes from its deep
The joy or grief which it had last to keep

For us; and by the joy or grief we see
The new day dawneth like the yesterday:
We are unchanged; our life the same we knew
Before. *I wonder if this is the way*

We wake from death's short sleep, to struggle through.

A brief bewilderment, and in dismay
Behold our life unto our old life true!

An examination of facts is the foundation of science.

True Love.—Of all the love affairs of this world, nothing can surpass the true love of a big boy for his mother. It is pure love, and noble and honorable in the highest degree to both. I do not mean dutiful affection. I mean a love which makes a boy gallant and courteous to his mother, saying plainly to everybody that he is in love with her. Next to the love of a husband, nothing so crowns a woman's life with honor as this second love, this devotion of a son to his mother. And I never knew a boy to turn out bad, who began by falling in love with his mother. A boy who is a lover of his mother is a true knight, and all the girls may try to win this boy.

Irish Beggars.—A late well known Fellow of Trinity College, Dublin, remarkable for a peculiarly shaped and very ugly nose, resisting the importunities of a woman for "a ha'penny for the honor of the Blessed Virgin," she turned upon him with: "The Lord forgive you! And that he may presarve yer eyesight, I pray; for faix 'tis yerself has the bad nose for spectacles." Another spiteful old beldame of the same stamp attacked Sir A. B. for alms, following him down the whole length of Sackville Street. The baronet had tender feet, which, with other uncomely infirmities, caused his gait to be none of the most graceful. "Ye won't give it, won't ye?" broke out the woman in an angry whine. "Oh, thin, God help the poor! And look, now; if yer heart was as soft as yer feet, 't wouldn't be in vain we'd be axing yer charity this day." "That the 'grace of God' may never enter into your house but on parchment!" was the terse and bitter anathema in which another gave vent to her wrathful disappointment. She knew that all writs were on parchment, and had probably learned, from cruel experience, the formula with which they commence: "Victoria, by the grace of God, Queen," etc.

The surface of our bodies is covered with scales like a fish; a single grain of sand would cover one hundred and fifty of these scales, and yet a single scale covers five hundred pores. Through these narrow openings perspiration forces itself like water through a sieve.

A horse is not known by his furniture, but quality; so men should be esteemed for virtue, not wealth.—*Socrates.*

The little village of Antwerp, New York, contains sixty-two widows. No book agent or sewing machine man, they say, ever goes into the place without coming out dead or married.

The Widow's Reply.—A colored man living in Greene Street, New York, having admired a colored widow living in the next block above, but being afraid to come out boldly and reveal his passion, went to a white man of his acquaintance the other day, and requested him to write the lady a letter, asking her hand in marriage. The friend wrote, telling the widow, in a few brief lines, that the size of her feet was the talk of the neighborhood, and asking her if she could not pare them down a little. The name of the colored man was signed, and he was to call on her on Sunday night for an answer. The writer of the letter met the nigger limping along the street, and asked him what the widow said. The man showed him a scratched nose, a lame leg and a spot on his scalp where a handful of wool had been violently jerked out, and answered in solemn tones: "She didn't say nuffin, and I didn't stay dar more'n a minute."

"**This is my last call,**" remarked a flip-pant young gentleman to a young lady who was soon to be married, on a recent occasion. "I never call on *married* women or unmarried ladies after they have reached twenty-five." "You do well, sir," gravely remarked an elderly lady present. "At that age, and after marriage, they begin to know the value of time, and do not like to waste it."

A jury in North Carolina, after being charged in the usual way by the judge, retired to their room, when a white juror ventured to ask a colored associate if he understood the charge of the judge. "Golly!" exclaimed the astonished juror, "he don't charge us nuffin for dat, does he? Why, I thought *we* was gwine to git pay!"

"**James,**" said a national schoolmaster to his pupil, "what is an average?" "A thing, sir," answered the scholar, promptly, "that hens lay eggs on." "Why do you say that, you silly boy?" asked the pedagogue. "Because, sir," said the youth, "I heard a gentleman say the other day as a hen would lay, on an average, a hundred and twenty eggs a year."

A young lady who has suffered from "baggage smashing" has had her trunk covered with flannel this season, having heard that flannel was a good chest protector.

A Long Chimney.—The largest chimney in the world is at the soda ash manufactory of James Muspratt, near Liverpool. It is of the enormous height of 406 feet above the ground, 45 feet diameter inside at the base, 9 feet ditto at the top, and contains nearly four millions of bricks.

Mythologists tell us that Io died because of her intense love for Jupiter; but the charm of the romantic story has lately been destroyed by a chemist discovering Io-ide of potassium.

"**Peter,** what are you saying to that boy?" said a schoolmaster. "He wanted to know if you take ten from seventeen how many will remain; so I took ten of his apples to show him, and now he wants that I should give them back." "Well, why don't you do it, then?" "Ooz, sir, he would then forget how many is left."

The three virtues of temperance, thrift and religion, which are within the reach of every man, will secure, in this age, almost every desirable object for any family, and scores of objects which no legislation whatever can secure without individual temperance, thrift and religion.

Warnings to be Learned by Heart about Kerosene.

Always fill a lamp by daylight and *never* while lighted. If obliged to fill them at night, have the light a few feet distant.

Lamps should be filled daily and never lighted when partly empty.

Select lamps which have the burner considerably elevated above the body of the lamp.

Trim the wick square across to get the best light.

A lamp with the wick turned far down is more likely to explode.

If burning oil gets upon the floor, smother it with a rug or blanket.

If your clothes take fire, do the same and *lie down*.

Never pour oil on a fire from a can—*never*. The observance of these rules *may save many a life*.

A quarrel requires two, and both are to blame.

"**Moral Insanity**" means that a person may have mind enough to know what is right, but not will-power to do it—knowledge that an act is wrong and power to refrain from it are essential to responsibility. No doubt many are morally insane.

Parthenia's definition of love by Ingomar has been admired as thus expressed:

"What love is, if thou wouldst be taught,
Thy heart must teach alone—
Two souls with but a single thought,
Two hearts that beat as one!"

Some profane cynic, having no fear of Cupid bested his eyes, has thus villainously paraphrased it:

Love is a night-mare with one foot;
Two children with one bun;
Two turnips with a single root,
Two cabbage-heads as one!

Laziness grows on people. It begins in cobwebs and ends in iron chains.

No wonder that egotists find the world so ugly. They only see themselves in it.

A cockney sportsman, having vowed to his wife to bring home a hare killed by himself, and not being able to dispatch one by the aid of his gun, bought one and tied it with a string to a tree. Then, placing himself at an easy distance, he raised his gun to his shoulder, took aim and fired, when, to his horror, the hare made off as hard as it could go—the string only had been cut.

An intelligent class can scarce ever be, as a class, vicious; never, as a class, indolent. The excited mental activity operates as a counterpoise to the stimulus of sense and appetite.—*Edward Everett*.

I will never purchase lottery tickets so long as I can hire a man to rob me at reasonable wages.—*Josh Billings*.

A widow in New York has been three times married. Her first husband was Robb, the second Robbins, and the third Robinson. The same door-plate has served for the whole three, and the question now is, what extended name can be procured to fill out the remainder of the space on it.

Love and kindness are essential elements in the successful management of children; but firmness, decision, inflexibility and uniformity of treatment are no less important.

TESTIMONIALS.

Many thousands of testimonials as to the merits of VINEGAR BITTERS as a curative agent for a great variety of diseases, from every part of the country. We cannot give these in *extenso*, for it would require a volume; but we give the gist of enough to show how VINEGAR BITTERS is regarded.

From Dr. W. D. Bryant, Cainsville, Mo.—They are decidedly the best BITTERS ever introduced for constipated habits accompanied with hemorrhoids, they being tonic, anti-dyspeptic, *anti*-periodic, and diuretic, with stimulating properties sufficient, and an excellent aperient. I recommend them to my patients. For female uterine derangements I regard the BITTERS as equal, if not superior, to anything yet discovered in the whole list of proprietary medicines, etc., etc.

From Chilton & Son, Oxford, Miss.—This is no idle puff. Your BITTERS accomplish wonders. Mrs. W. B. Lines, who has been confined to her bed a large portion of the time for twelve years, has been entirely restored to perfect health by using three bottles. Her disease was dyspepsia. Mrs. S. Owens, with similar disease, has been cured with two bottles, and I could cite numbers of cases of such cures.

From Waller, Watson & Co., Wallula, S. C.—VINEGAR BITTERS give great satisfaction wherever used. Our Mr. Watson has suffered intensely for two years with disordered liver; but is now hale and hearty, and in better health than ever before from their use.

From James I. Barksdale, Tabers Mills, Va.—Thank God, I am relieved. I expected to be numbered with the dead. A short time ago I was a helpless invalid; to-day I am able to transact all my business, and with more ease than for two past years; and I feel rejoiced, etc.

From Mrs. Bettie Moxley, Bloomfield, Ky.—My disease was consumption. I was an invalid for many years, and but for this BITTERS would no doubt have been in my grave soon. I am now able to attend to all the ordinary duties of housework. I earnestly recommend these BITTERS to all in similar affliction.

From Z. Crowder, Ridgeway, N. C.—I am forced to send my congratulations. My wife, for fifteen years, has been the victim, as it seemed, of every form of disease. Some physicians called it cancer of the stomach, and some deep-seated consumption; and others said that so much was the matter with her that she never could be cured. But for three months past she has been taking VINEGAR BITTERS with such marked results, that neither she nor I can frame language sufficient to thank you. I can only say that she is a new woman. [We wish we could give it all.] I cheerfully concur in what my husband writes.—SOPHRONIA M. CROWDER.

From T. B. T. Whedbee, Fort Collins, Colorado.—Your BITTERS are the most popular of all in this State. They certainly produce wonderful cures.

From Wm. C. Brown, Ripley, Tenn.—I have been a sufferer from piles for ten years, and have had annual attacks of bilious fever. Twelve months ago I commenced with your BITTERS, and commenced improving immediately, and was soon restored to perfect health in every way. Their use has also driven the ague from my family.

From J. L. F. McLain, P. M., Reed's Creek, Ark.—I have used your valuable BITTERS, and am thoroughly convinced of their superior medicinal qualities and great utility.

From R. Workman, Mouth of Short Creek, West Va.—Your BITTERS have given entire satisfaction. It has cured me of neuralgia in the head, of two years' standing, perfectly.

From Charles Lapham, Garden P. O., Delta Co., Mich.—Three bottles of your BITTERS cured me completely of the worst case of bleeding piles you ever knew. God bless you.

From P. H. Clay, Prest. Teachers' Inst., Cross Co., Ark.—I have used your BITTERS for chills and fever, and they are always successful without fail.

From Albert F. Brigham, Lowell, Mass.—Your VINEGAR BITTERS have cured me of the most aggravating dyspepsia when I had tried all others without success. I am so highly pleased that I ought to tell you of it, for I hope you may be rewarded.

From J. J. Hobbs, Winoski, Wis.—I consider your BITTERS as the best regulator of the system that I know of. I have been subject to piles and flow of blood to the head, and never found relief until I tried VINEGAR BITTERS. They are the best medicine I have ever used, without exception.

From L. D. Marshall & Co., Hickory Plains, Ark.—VINEGAR BITTERS sell here better than anything else. When anybody buys one bottle they always come for another.

From J. M. Emley, P. M., Westerville, Iowa.—I have used your BITTERS, and find them excellent as a perfect regulator of the system. One of my neighbors has been cured of a bad case of rheumatism by them, and they stand high here.

From J. S. Englerth, Tivoli, Minn.—You "struck the right nail in the right place" when you got up VINEGAR BITTERS. They are most excellent, and I have found their value. My daughter, aged 18, had been for six years an invalid and unable to perform any kind of labor, not even to walk a half mile. She read one of your almanacs and forthwith tried one bottle, then five. Now she is able to walk and work, and is restored to health.

From C. R. Peterson, Golden Spring, Eurt Co., Neb.—In justice to suffering humanity I wish to give my testimonial to the value of your VINEGAR BITTERS. I was attacked with a severe cold, which settled on my lungs. I had a terrible cough, with great pain in my right side, and suffered greatly. I procured a bottle of your BITTERS, and half of it made me well.

From O. Hutchinson, P. M., Ellington, Mich.—Your most excellent VINEGAR BITTERS cured me of dyspepsia of seven years' standing. I shall forever return you my thanks.

From X. X. Charters, Guineas Station, Va., R. F. & P. R. Rd.—I say valuable, because my wife has been a great sufferer for several years from confirmed dyspepsia, and your BITTERS are the only thing that has done her any good. They have cured her.

From Ervin Thompson, Buffalo Valley.—I have been afflicted with erysipelas for seven years. I tried eminent physicians without relief. About three months ago I commenced trying your VINEGAR BITTERS, and after using five bottles I found myself entirely cured. I think it is the best medicine that has ever been discovered. It cured me.

Rheumatism. From J. L. Rowntree, Oatmeal, Burnet Co., Texas.—I wish to tell you that nearly four years ago I was taken down with rheumatism, and for eighteen months was as helpless as an infant. Every joint in me, from head to toe, was full of pain. A neighbor advised me to try your BITTERS, and I sent for six bottles, which I took, and found myself improving. I then sent for a box of them. I can now go about my farm, and I suffer very little. I believe that I should have died had it not been for the BITTERS.

From J. M. Davis, P. M., Sturgeon, Ind.—Your BITTERS cured me of dyspepsia, which I had had for four years. Two bottles cured me, and those two bottles have been worth two hundred dollars to me.

From Walter Oscar, Nat. Mil. Asylum, Milwaukee.—I want to thank you with all my heart for what your BITTERS have done for me. I came out of the army of the South with a broken-down constitution. I consulted with leading physicians, and for six years they doctored me; some for liver complaint, others for dyspepsia, consumption, or heart disease. After spending \$800 I was pronounced incurable, and came to this asylum to die. I bought a bottle of VINEGAR BITTERS to keep my bowels open. I was relieved. I continued its use, and after taking five bottles I was restored, and am well, strong and happy. From a perfect wreck I am now full of life and vigor. I feel so well that I am enthusiastic.

From Mr. Wilhite, Downsville, La.—My wife has been in bad health for fifteen years. One bottle of your BITTERS has done her more good than a thousand dollars spent in doctoring, &c., &c.

From John Vamer, High Point, N. C.—I have been subject to rheumatism for thirty years, and could find nothing to afford relief until I tried VINEGAR BITTERS. This has given me more relief than anything I have tried for thirty years. I am well.

From Richard B. Chenoweth, 282 Penn. av., Bal., Md.—My wrist and forearm were nearly dislocated from contraction of the muscles. I send you my photograph, to let you see how I look after taking your BITTERS six months. My arm is straight. I am a new man. You have saved me from a suicide's grave.

From Richard B. Chenoweth, Baltimore, Md.—I have been suffering from paralysis (hemiplegia is the term by which my disease was called), and was considered incurable. I have been speechless and my mouth drawn nearly to my ear; one leg, arm and hand, and thus I was afflicted for fifteen years. I tried everything possible for relief. I applied to distinguished physicians in New York, Boston and Virginia during that time, and have spent nearly \$7,000 to no purpose. I commenced eight months ago to take VINEGAR BITTERS, and have taken them ever since, with the greatest success. I believe that, with the blessing of God, they will finally cure me entirely. This may be hard to be believed, but I will at all times be most happy to have persons call on me and judge for themselves. 282 Penn. av., Baltimore—2 mos. later.

From George W. Tiansburg, Va.—I am a sufferer for fourteen or fifteen years of the heart, which has been the medical men in my section. But by using a half bottle of VINEGAR BITTERS I am entirely cured. And with hearty good will I commend this BITTERS to all similar sufferers.

From Dr. H. D. Torbit, Waynesboro, Ga.—It is the most valuable medicine that I know, and I have practiced medicine twenty-one years. I have never known it to fail to cure dyspepsia, piles, chills and fever, or rheumatism. It is the only bitters made worth using. I have known cases almost raised from the dead, &c., &c.

From P. Welshimer, P. M., Neoga, Ill.—I send my sincere thanks on behalf of my wife. For twelve years she had suffered from consumption, with terrible cough and pain in the breast. Nothing could give her relief until we tried VINEGAR BITTERS, which relieved her at once, and she is now on the rapid road to recovery. I say this in justice to the merits of VINEGAR BITTERS, that all afflicted like her may know how to get relief.

From E. C. Carpenter, from same place (Neoga).—My wife for four years has been afflicted with disordered liver and spleen, so much so that we despaired of a cure. She had the best medical attention to no avail. I was induced to try VINEGAR BITTERS, which gave immediate relief, and she is now in full health and vigor.

From Mrs. Elizabeth Kelly, Ottawa, Ill.—I think it a duty to tell you what VINEGAR BITTERS have done for me. I was troubled with coughing and spitting of blood, and so short of breath that I could hardly put two words together. I suffered intense pain. VINEGAR BITTERS gave me immediate relief, and after using one bottle I am restored to health and am perfectly well. I wish all my ailing friends to know it.

From Mr. —, Fosteria, Pa.—Your BITTERS are more than you represent. For four years I have been afflicted with chronic rheumatism, and have not had, to my knowledge, one single night's comfortable sleep in all that time. Two bottles of your BITTERS have restored me to health. Pain all gone, and never felt better. I am a new man.

From George Herman, Delaware Township, Northumberland Co., Pa.—I had dyspepsia for twenty years. I tried everything I could hear of, and I finally tried your VINEGAR BITTERS, but without much confidence, for I had tried so many things. I am a well man. I am seventy years old, and feel better than I have for twenty years.

From John Forsman Carpenter, New Orleans, 166 St. Antoine st.—I have spent hundreds of dollars in trying to be cured of the asthma, but never found relief until I tried VINEGAR BITTERS. It is the only thing that ever afforded relief, but I feel cured, and can now attend to my business with satisfaction. I am a new man entirely.

From Martin V. Riddle, Lynchburg, Lincoln Co., Tenn.—I had a complication of chronic diseases, breast complaint, enlarged liver and dyspepsia. I have used five bottles of your BITTERS and am cured.

From J. M. Hess, Safe Harbor, Lancaster Co., Pa.—For breaking up old and stinate cases of fever and ague your BITTERS is the work where quinine and cinchona fail.